
THE NATIONAL
DIARY

71.110.105.1

Ship "John A. Briggs"

Rufus S. Randall

a

Merry Christmas

from

Annie

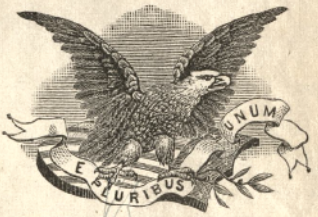
C. A. Houghland

James E. Dickson

1881

Flushing £ 17=10
Woolen Sight 22-10
West Hinch 130-00
Dungeness 50-00
H Beyer
Manager

THE NATIONAL



DIARY

1881

PUBLISHED FOR THE TRADE.

Trade mark: "THE NATIONAL DIARY." Registered 1879

Eclipses for 1881.

IN the year 1881 there will be four Eclipses, two of the Sun, and two of the Moon; and a Transit of Mercury across the Sun's Disc.

I. A PARTIAL ECLIPSE OF THE SUN, May 27. Visible to the northern part of North America, and to Northern Asia.

II. A TOTAL ECLIPSE OF THE MOON, June 11, 12. Visible to North and South America, and to portions of Africa and Australia.

III. AN ANNULAR ECLIPSE OF THE SUN, November 21. Invisible.

IV. A PARTIAL ECLIPSE OF THE MOON, December 5. Invisible.

V. A TRANSIT OF MERCURY OVER THE SUN'S DISC, November 7.

CHURCH DAYS.

Epiphany	January	6
Septuagesima Sunday	February	13
Quinquagesima (Shrove Sunday)	"	27
Ash Wednesday	March	2
Palm Sunday	April	10
Good Friday	"	15
Easter Sunday	"	17
Ascension Day (Holy Thursday)	May	26
Pentecost (Whit Sunday)	June	5
Trinity Sunday	"	12
Corpus Christi	"	16
First Sunday in Advent	November	27
Christmas	December	25
St. John, Baptist	June	24
St. Nicholas	December	6
St. John, Evangelist	"	27

CALENDAR

1881	Sun.	Mon.	Tues.	Wed.	Thu.	Frid.	Satu.
Jan.	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...
Feb.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	...	...	...	...	...
Mar.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...
April	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	...	...	...	...	...	...	...
May	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...
June	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	...	...

1881	Sun.	Mon.	Tues.	Wed.	Thu.	Frid.	Satu.
July	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...
Aug.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...
Sept.	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	...
Oct.	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...
Nov.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	...	...	...
Dec.	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	High Tide morn	High Tide even.
1	Sat.	7 23	4 45	6 24	1 14	☉ in Perigee.	2 9	2 36
2	♑	7 23	4 46	7 42	2 11	☿ sets 8 4 A.	3 2	3 28
3	M.	7 23	4 47	8 55	3 5	☌ ☿ ☾	3 52	4 15
4	T.	7 23	4 48	10 5	3 55	Polar. s. 6 16 A.	4 38	5 1
5	W.	7 23	4 49	11 12	4 43	Acher. s. 6 31 A	5 23	5 45
6	Th.	7 23	4 50	morn	5 30	☌ ♃ ☾	6 7	6 29
7	Fr.	7 23	4 51	0 19	6 16	☾ 7. ☌ ♄ ☾	6 52	7 16
8	Sat.	7 22	4 52	1 22	7 4	☿ in Aphel.	7 42	8 12
9	♒	7 22	4 53	2 24	7 52	☌ ♆ ☾	8 43	9 13
10	M.	7 22	4 54	3 24	8 41	♂ rises 5 58 M.	9 43	10 12
11	T.	7 22	4 55	4 21	9 31	Ariet. s. 6 34 A.	10 41	11 10
12	W.	7 21	4 56	5 13	10 20	□ ♄ ☉ ♒	11 37	— —
13	Th.	7 21	4 57	5 58	11 9	☾ in Apogee.	0 3	0 27
14	Fr.	7 20	4 58	6 38	11 56	Aldebaran.	0 49	1 9
15	Sat.	7 20	4 59	rises	morn	15. Capella.	1 28	1 48
16	♓	7 20	5 0	6 27	0 41	♃ sets 11 14 A.	2 8	2 27
17	M.	7 19	5 1	7 26	1 25	Rigel s. 9 18 A.	2 46	3 6
18	T.	7 19	5 3	8 25	2 8	Cano. s. 10 27 A	3 25	3 43
19	W.	7 18	5 4	9 26	2 50	☌ ☉ ☾	4 2	4 21
20	Th.	7 18	5 5	10 27	3 33	☿ stationary.	4 41	5 1
21	Fr.	7 17	5 6	11 31	4 17	☽ s. 11 45 A.	5 21	5 42
22	Sat.	7 17	5 7	morn	5 3	☽ 23. Sirius.	6 3	6 26
23	♈	7 16	5 9	0 38	5 53	Castor s. 11 12 A	6 52	7 20
24	M.	7 16	5 10	1 46	6 46	☾ rises 8 14 A.	7 50	8 21
25	T.	7 15	5 11	2 54	7 44	Procy. s. 11 11 A	9 3	9 39
26	W.	7 14	5 12	4 0	8 46	☌ ☿ ☉ Sup. ♉	10 18	10 56
27	Th.	7 13	5 13	5 1	9 49	☌ ☌ ☾	11 30	— —
28	Fr.	7 12	5 15	5 52	10 52	☾ Mercury.	0 4	0 34
29	Sat.	7 11	5 16	sets.	11 51	☾ 29. ☌ ♃ ☾	1 0	1 24
30	♉	7 10	5 17	6 28	ev. 48	□ ♆ ☉	1 48	2 14
31	M.	7 9	5 18	7 42	1 41	♆ sets 0 44 M.	2 38	3 1



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	High Tide morn	High Tide even.
1	T.	7 8	5 19	8 53	2 32	☌☿☾; ☿ in ♌	3 24	3 46
2	W.	7 7	5 21	10 2	3 21	Arietis s. 5 8 A.	4 8	4 30
3	Th.	7 6	5 22	11 8	4 10	☌♃☾	4 53	5 15
4	Fr.	7 5	5 23	morn	4 58	☾☌♄♀☿	5 36	5 58
5	Sat.	7 4	5 24	0 14	5 47	5. ☌☿☾	6 21	6 46
6	**6**	7 3	5 25	1 15	6 36		7 12	7 38
7	M.	7 2	5 27	2 13	7 26	♀ sets 9 13 A.	8 8	8 40
8	T.	7 1	5 28	3 7	8 16	Alde. s. 7 16 A.	9 12	9 42
9	W.	7 0	5 29	3 55	9 4	Cap.s.7 51 A.♒	10 11	10 39
10	T.	6 59	5 30	4 38	9 52	Rigel s. 7 48 A.	11 7	11 33
11	Fr.	6 58	5 31	5 15	10 38	☾ in Apogee.	—	—
12	Sat.	6 56	5 33	5 47	11 23	♂ rises 5 31 M.	11 58	
13	**7**	6 55	5 34	6 16	morn	Canop.s.8 48 A.	0 21	0 42
14	M.	6 54	5 35	rises	0 6		1 1	1 18
15	T.	6 53	5 36	7 19	0 49	♃ s.9 48 A.	1 36	1 55
16	W.	6 51	5 37	8 22	1 32	14. Sirius.	2 15	2 34
17	Th.	6 50	5 39	9 24	2 16	☌☉☾	2 53	3 12
18	Fr.	6 48	5 40	10 29	3 2	♄ sets 10 11 A.	3 32	3 52
19	Sat.	6 47	5 41	11 34	3 50	☊ in ♌	4 13	4 35
20	**8**	6 46	5 42	morn	4 41	Castor s. 9 30 A.	4 57	5 20
21	M.	6 44	5 43	0 41	5 36	☉ rises 6 26 A.	5 43	6 8
22	T.	6 43	5 45	1 47	6 34	☽☌gr.e.e.46°	6 35	7 4
23	W.	6 41	5 46	2 48	7 35	☽21. ☊in Per.	7 36	8 12
24	Th.	6 40	5 47	3 43	8 35	☌♃☿ ♅	8 52	9 31
25	Fr.	6 39	5 48	4 29	9 34	☿gr.elon.E.18°	10 5	10 13
26	Sat.	6 37	5 49	5 9	10 31	Procy. s.9 13 A.	11 13	11 45
27	**9**	6 36	5 50	5 43	11 25	☌☍☾	—	0 14
28	M.	6 34	5 51	sets	ev.17	☾ in Perigee.		
						♍♄s.10 57A.	0 40	1 3
						28. ☌☿☾	1 24	1 46



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	High Tide morn	High Tide even.
1	T.	6 33	5 52	7 38	1 8	☍♁☉; ☌♄♀	2 9	2 32
2	W.	6 31	5 53	8 48	1 58	☿ stationary.	2 54	3 16
3	Th.	6 30	5 54	9 55	2 48	☌♄☾; ☌☿☾	3 38	4 0
4	Fr.	6 28	5 56	11 0	3 38	☿ g.Hel.Lat.N	4 22	4 45
5	Sat.	6 27	5 57	morn	4 28	☿ sets 9 51 A.	5 8	5 31
6	**10**	6 25	5 58	0 2	5 19	☾♀in Perihe.	5 55	6 19
7	M.	6 23	5 59	0 58	6 9	☾7. Canopus.	6 44	7 9
8	T.	6 22	6 0	1 48	6 58	♂ rises 4 56 M.	7 36	8 5
9	W.	6 20	6 1	2 33	7 47	Sirius s. 7 29 A.	8 36	9 6
10	Th.	6 19	6 2	3 12	8 33	☾ in Apogee.	9 35	10 3
11	Fr.	6 17	6 3	3 48	9 18	☌☿☉ Inf.	10 30	10 56
12	Sat.	6 15	6 4	4 18	10 2	Castor s. 8 4 A.	11 21	11 44
13	**11**	6 14	6 5	4 46	10 46	♃ sets 8 28 A.	—	—
14	M.	6 12	6 6	5 13	11 29	☌♁☾		0 6
15	T.	6 11	6 7	rises	morn	15. Procyon	0 28	0 48
16	W.	6 9	6 8	7 15	0 13	Pollux.	1 6	1 24
17	Th.	6 7	6 9	8 20	0 59	Regul. s. 10 19 A	1 43	2 3
18	Fr.	6 6	6 10	9 27	1 47	Spica s. 1 35 M.	2 24	2 45
19	Sat.	6 4	6 12	10 34	2 39	♄ sets 8 25 A.	3 6	3 29
20	**12**	6 3	6 13	11 40	3 32	☉ en.♈ Sp. bg.	3 52	4 15
21	M.	6 1	6 14	morn	4 30	Arctu.s.2 14 M.	4 40	5 6
22	T.	5 59	6 15	0 41	5 28		5 33	6 0
23	W.	5 58	6 16	1 36	6 28	22. Uranus.	6 27	6 57
24	Th.	5 56	6 17	2 24	7 25	☌♅♀	7 29	8 4
25	Fr.	5 55	6 18	3 5	8 21	☿ stationary.	8 39	9 14
26	Sat.	5 53	6 19	3 41	9 15	☾ in Perigee.	9 48	10 21
27	**13**	5 51	6 20	4 13	10 6	☌♂☾ [bril'cy.	10 52	11 21
28	M.	5 50	6 21	4 44	10 56	☿ in ♉; ♀ at gr.	11 48	—
29	T.	5 48	6 22	sets.	11 46	☌♀☾		0 13
30	W.	5 47	6 23	7 35	ev.36	29. ♆s.9 3 A	0 59	1 20
31	Th.	5 45	6 24	8 42	1 26	☌♃☾	1 41	2 3
						☌♄☾	2 25	2 47



1881

D M	D W	Sun rise.	Sun sets	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	High Tide morn	High Tide even.
1	Fr.	5 43	6 25	9 45	2 17	☿☌☾; ☉☌♀	3 10	3 33
2	Sat.	5 42	6 26	10 45	3 8	♀ sets 9 44 A.	3 55	4 18
3	**14**	5 40	6 27	11 39	4 0	Castor s.6 37 A.	4 42	5 6
4	M.	5 39	6 28	morn	4 50	Regu.s.9 8 A. ♋	5 29	5 51
5	T.	5 37	6 29	0 27	5 39	Spica s. 0 24 M.	6 14	6 38
6	W.	5 35	6 30	1 9	6 27	☾ 6. ♄ in Aphe.	7 3	7 28
7	T.	5 34	6 31	1 45	7 12	☾ ☍g.el.w.28°	7 54	8 22
8	Fr.	5 32	6 32	2 17	7 56	Arctur's s.1 4 M	8 50	9 18
9	Sat.	5 31	6 33	2 47	8 40	♂ rises 3 55 M.	9 45	10 11
10	**15**	5 29	6 34	3 13	9 23	☌ ♋ ☾	10 37	11 1
11	M.	5 27	6 35	3 39	10 7	♀ stationary.	11 25	11 49
12	T.	5 26	6 36	4 5	10 52	Antares s.2 59M	—	0 12
13	W.	5 24	6 37	4 33	11 40	♃ sets 7 3 A.	0 34	0 55
14	Th.	5 23	6 38	rises	morn	☾ 14. Vega.	1 15	1 36
15	Fr.	5 21	6 39	8 22	0 31	Procyon.	1 59	2 23
16	Sat.	5 20	6 40	9 30	1 25	Regulus s.8 21A	2 47	3 12
17	**16**	5 18	6 41	10 34	2 23	♄ sets 6 50 A.	3 38	4 5
18	M.	5 17	6 42	11 33	3 23	Spica s.11 29 A.	4 32	4 59
19	T.	5 15	6 43	morn	4 22	☾ in Perigee.	5 26	5 53
20	W.	5 14	6 44	0 22	5 21	♌ sets 3 25 M.	6 21	6 49
21	Th.	5 13	6 45	1 5	6 17	☽ 21. ☌ ♄ ☉	7 17	7 47
22	Fr.	5 11	6 46	1 41	7 10	☌ ♄ ♃	8 20	8 53
23	Sat.	5 10	6 47	2 14	8 1	Arcturus s.0 5M	9 24	9 54
24	**17**	5 8	6 48	2 44	8 50	☌ ☍ ☾	10 22	10 50
25	M.	5 7	6 49	3 14	9 38	Antares s.2 8 M	11 18	11 45
26	T.	5 6	6 50	3 45	10 27	☌ ☿ ☾	—	0 10
27	W.	5 5	6 51	4 16	11 16	☌ ♄☾; ☌ ♃☾	0 33	0 55
28	Th.	5 3	6 51	sets	ev. 7	☽ 28. ☌ ♆ ♀	1 16	1 37
29	Fr.	5 2	6 52	8 31	0 58	♆ s. 7 6 A.	2 0	2 23
30	Sat.	5 1	6 53	9 27	1 50	Vega s. 3 59 M.	2 46	3 9



1881

D M	D W	Sun rise.	Sun sets	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	High Tide morn	High Tide even.
1	**18**	5 0	6 54	10 18	2 41	Reg.s.7 22 A. ♋	3 32	3 54
2	M.	4 59	6 55	11 3	3 31	☌ gr.Hel.Lat.S	4 16	4 39
3	T.	4 57	6 56	11 42	4 20	☌ ☍ ☉ Inferior.	5 2	5 24
4	W.	4 56	6 57	morn	5 6	☌ ☿ ☉; ☾ in Ap.	5 45	6 6
5	Th.	4 55	6 58	0 16	5 50	♀ rises 4 21 M.	6 27	6 49
6	Fr.	4 54	6 59	0 46	6 33	☾ 6. ☌ ☍ ♄	7 11	7 35
7	Sat.	4 53	7 0	1 13	7 16	☌ ☌ ♃	8 0	8 27
8	**19**	4 51	7 1	1 39	7 59	☌ ♋☾; ☌ ☍ ♀	8 55	9 22
9	M.	4 50	7 2	2 4	8 43	♂ rises 2 52 M.	9 48	10 14
10	T.	4 49	7 3	2 32	9 29	☌ ♃ ♀	10 41	11 8
11	W.	4 48	7 4	3 1	10 19	☌ ☿ ☌	11 35	—
12	T.	4 47	7 5	3 35	11 13	Spica s. 9 35. A.	0 2	0 28
13	Fr.	4 46	7 6	4 15	morn	☾ 13. Arctur's	0 53	1 16
14	Sat.	4 45	7 7	rises	0 10	☾ ♃ ris.4 6 M	1 40	2 7
15	**20**	4 44	7 8	9 22	1 11	☌ ♄ ☿; ☿ in ☾ ☋	2 35	3 2
16	M.	4 43	7 9	10 17	2 12	☌ Sta. ☾ in Per.	3 29	3 56
17	T.	4 42	7 10	11 4	3 13	☌ ☿ ☉ Sup.	4 23	4 50
18	W.	4 42	7 11	11 43	4 12	♄ rises 3 49 M.	5 17	5 43
19	Th.	4 41	7 12	morn	5 7	Antaress.o 34M	6 7	6 31
20	Fr.	4 40	7 13	0 16	5 58	☽ 20. ☿ in Per.	6 57	7 24
21	Sat.	4 39	7 14	0 47	6 48	☽ Ve.s.2 37 M	7 53	8 23
22	**21**	4 39	7 15	1 16	7 36	♌ sets 1 15 M.	8 53	9 23
23	M.	4 38	7 15	1 46	8 24	☌ ♂☾; ♀ in ♉	9 52	10 20
24	T.	4 38	7 16	2 17	9 12	♀ stationary.	10 48	11 16
25	W.	4 37	7 17	2 49	10 1	☌ ☿☾; ☌ ♄☾	11 43	—
26	Th.	4 36	7 18	3 25	10 51	☌ ♆☾; ☌ ☿ in Per	0 9	0 33
27	Fr.	4 36	7 19	4 7	11 42	☽ 27. Altair.	0 56	1 17
28	Sat.	4 35	7 19	sets	ev. 34	☌ ☍ ☾ ♋	1 39	2 2
29	**22**	4 35	7 20	8 58	1 24	♆ rises 3 31 M.	2 24	2 46
30	M.	4 34	7 21	9 39	2 13	□ ☉ ☉	3 8	3 29
31	T.	4 34	7 22	10 15	3 0	☿ g.Hel.Lat.N	3 50	4 11



1881

D M	D W	Sun rise.	Sun sets	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	HIGH TIDE morn	HIGH TIDE even.
1	W.	4 33	7 22	10 47	3 45	☾ in Apogee.	4 32	4 52
2	Th.	4 33	7 23	11 15	4 29	♀ rises 2 48 M.	5 12	5 32
3	Fr.	4 32	7 23	11 40	5 11	☾ Spic.s.8 28A	5 51	6 11
4	Sat.	4 32	7 24	morn	5 53	☾ 4. ☌ ☉ ☾	6 31	6 52
5	**23**	4 32	7 25	0 6	6 35	☌ ♀ ♄	7 14	7 37
6	M.	4 32	7 25	0 31	7 20	♂ rises 1 50 M.	8 4	8 32
7	T.	4 31	7 26	0 59	8 7	Arcturus s.9 4 A	9 1	9 31
8	W.	4 31	7 26	1 30	8 58	Antar.s.11 11 A	10 1	10 32
9	T.	4 31	7 27	2 6	9 53	♀ at gr.brillian.	11 3	11 34
10	Fr.	4 31	7 27	2 51	10 52	☍ V. s. 1 18 M	— —	0 5
11	Sat.	4 31	7 28	3 41	11 55	☍ 12. Spica.	0 34	1 1
12	**24**	4 31	7 28	rises	morn	♃ rises 2 29 M.	1 27	1 54
13	M.	4 31	7 29	8 57	0 58	☾ in Perigee.	2 23	2 51
14	T.	4 31	7 29	9 39	2 0	Altair s. 2 14 M.	3 18	3 44
15	W.	4 31	7 29	10 17	2 58	Fom. s. 5 16 M.	4 9	4 35
16	Th.	4 31	7 30	10 49	3 53	Arctur.s. 8 28 A	5 0	5 23
17	Fr.	4 31	7 30	11 20	4 44	☽ ♄ rises 2 0 M	5 46	6 9
18	Sat.	4 31	7 31	11 50	5 34	☽ 18. ☌ Ψ ♃	6 33	6 57
19	**25**	4 31	7 31	morn	6 22	☌ ♀ ♃; ☌ Ψ ♀	7 22	7 50
20	M.	4 31	7 31	0 20	7 10	♀ gr. El. E. 25°	8 20	8 50
21	T.	4 31	7 31	0 53	7 58	☉ e.⚖ Sum.beg	9 20	9 50
22	W.	4 32	7 32	1 27	8 48	☌ Ψ ☾; ☌ ♃ ☾	10 20	10 49
23	Th.	4 32	7 32	2 6	9 38	♀ in ♉	11 18	11 46
24	Fr.	4 32	7 32	2 50	10 29	Anta.s.10 9A ♓	— —	0 12
25	Sat.	4 32	7 32	3 41	11 19	♎ sets 11 0 A	0 36	0 58
26	**26**	4 33	7 32	sets	ev. 9	☾ 26. ♀ in Ap.	1 19	1 39
27	M.	4 33	7 32	8 16	0 56	☾ Ve.s.0 11M	2 0	2 21
28	T.	4 34	7 32	8 48	1 42	☌ ♀ ☾; ☾ in Ap.	2 42	3 2
29	W.	4 34	7 32	9 16	2 26	Altair s. 1 15 M.	3 21	3 40
30	Th.	4 35	7 32	9 44	3 8	Ψ rises 1 27 M.	3 59	4 18



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	HIGH TIDE morn	HIGH TIDE even.
1	Fr.	4 35	7 32	10 10	3 50	☉ in Apogee.	4 37	4 57
2	Sat.	4 36	7 31	10 36	4 32	☾ ☾	5 16	5 35
3	**27**	4 36	7 31	11 1	5 14	☿ in Aphelion.	5 44	6 14
4	M.	4 37	7 31	11 29	5 59	☾ 4. ♀ Statio'y	6 35	6 58
5	T.	4 38	7 31	morn	6 47	☾ Ve. r. 1 53 M	7 24	7 51
6	W.	4 38	7 31	0 2	7 38	☌ ♂ ♄	8 22	8 55
7	Th.	4 39	7 30	0 41	8 34	Antares s.9 17A	9 29	10 4
8	Fr.	4 39	7 30	1 27	9 34	☉ g.Hel.Lat.N	10 39	11 13
9	Sat.	4 40	7 30	2 23	10 37	☌ r. 0 40 M. ♒	11 48	— —
10	**28**	4 41	7 30	3 27	11 40	Vega s. 11 16 A.	0 20	0 49
11	M.	4 41	7 29	rises	morn	☍ 11. [W. 46°	1 15	1 42
12	T.	4 42	7 29	8 13	0 42	♀ gr. Elong	2 9	2 35
13	W.	4 42	7 28	8 49	1 40	♃ rises 0 45 M.	3 0	3 25
14	Th.	4 43	7 28	9 21	2 35	☌ Ψ ☌	3 49	4 12
15	Fr.	4 44	7 27	9 52	3 27	Altair s. 0 12 M.	4 35	4 58
16	Sat.	4 45	7 27	10 23	4 17	♄ rises 0 13 M.	5 21	5 43
17	**29**	4 45	7 26	10 54	5 6	☽ ☌ ☌ ☉; Inf.	6 6	6 29
18	M.	4 46	7 26	11 28	5 55	☽ 18. ☌ ♄ ☾	6 54	7 21
19	T.	4 47	7 25	morn	6 45	♀ gr. Hel. Lat. S	7 49	8 20
20	W.	4 48	7 24	0 7	7 35	☌ ♃ ☾	8 52	9 24
21	Th.	4 49	7 23	0 49	8 26	☌ ☌ ☾	9 54	10 24
22	Fr.	4 50	7 23	1 37	9 16	☌ ☌ ♃ ♓	10 53	11 21
23	Sat.	4 51	7 22	2 28	10 6	☿ gr. Hel. Lat. S	11 48	— —
24	**30**	4 52	7 21	3 24	10 54	☌ ☌ ☾	0 13	0 36
25	M.	4 53	7 20	4 20	11 40	☽ Fo. s. 2 38 M	0 56	1 15
26	T.	4 54	7 19	sets.	ev. 25	☽ 26. ☾ in Ap	1 34	1 54
27	W.	4 54	7 18	7 49	1 7	☿ stationary.	2 13	2 31
28	Th.	4 55	7 17	8 14	1 49	☽ sets 8 54 A.	2 49	3 8
29	Fr.	4 56	7 16	8 39	2 31	☉ ☾	3 26	3 45
30	Sat.	4 57	7 15	9 5	3 13	Mark. s. 2 27 M.	4 4	4 23
31	**31**	4 58	7 14	9 32	3 56	Ψ rises 11 23 A.	4 42	5 2



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th
1	M.	4 58	7 13	10 2	4 41
2	T.	4 59	7 12	10 38	5 30
3	W.	5 0	7 11	11 19	6 22
4	Th.	5 1	7 10	morn	7 19
5	Fr.	5 2	7 9	0 7	8 19
6	Sat.	5 3	7 8	1 7	9 20
7	**32**	5 4	7 7	2 15	10 22
8	M.	5 5	7 6	3 29	11 21
9	T.	5 6	7 5	rises	morn
10	W.	5 7	7 3	7 17	0 19
11	Th.	5 8	7 2	7 50	1 13
12	Fr.	5 9	7 0	8 22	2 6
13	Sat.	5 10	6 59	8 54	2 57
14	**33**	5 11	6 58	9 29	3 48
15	M.	5 12	6 56	10 6	4 39
16	T.	5 13	6 55	10 47	5 30
17	W.	5 14	6 53	11 33	6 21
18	Th.	5 15	6 52	morn	7 12
19	Fr.	5 16	6 51	0 24	8 2
20	Sat.	5 17	6 49	1 19	8 51
21	**34**	5 18	6 48	2 15	9 38
22	M.	5 19	6 46	3 12	10 23
23	T.	5 20	6 45	4 10	11 6
24	W.	5 21	6 44	sets,	11 49
25	Th.	5 22	6 42	6 44	ev. 30
26	Fr.	5 22	6 41	7 10	1 12
27	Sat.	5 23	6 39	7 37	1 55
28	**35**	5 24	6 38	8 6	2 40
29	M.	5 25	6 36	8 38	3 27
30	T.	5 26	6 35	9 17	4 17
31	W.	5 27	6 33	10 3	5 11

ASPECTS OF PLANETS.

Alge. s. 3 27 M.
2. ☿ r. 1 41 M.
☿ Ve. s. 9 42 A.
□ ♄ ☉
A. s. 10 46 A. ♉
☿ g. elon. W. 19°
♂ rises 11 42 A.
□ Ψ ☉
9. ☾ in Pe.
F. s. 1 36 M.
Mark. s. 1 39 M.
☿ in ☊
♃ rises 10 53 A.
Alge. s. 2 36 M.
☌ ♄ ☾; ☌ Ψ ☾
16. ☿ in P.
☽ □ ♃ ☉
♄ r. 10 4 A.
Ψ stationary.
☌ ☿ ☾
Polaris s. 3 16 M.
☾ in Apogee.
☌ ☿ ☾
24. ♄ sta.
☌ ☌ ☾
☿ g. Hel. Lat. N
☉ sets 6 59 A.
Acher. s. 3 7 M.
Arie. s. 3 30 M.
Ψ rises 9 26 A.
☌ ☿ ☉ Sup.

HIGH TIDE morn	even.
5 22	5 43
6 6	6 29
6 54	7 22
7 54	8 31
9 9	9 46
10 23	10 58
11 33	—
0 5	0 34
1 0	1 24
1 48	2 12
2 36	3 0
3 23	3 45
4 8	4 31
4 55	5 18
5 41	6 4
6 29	6 54
7 21	7 51
8 22	8 54
9 25	9 55
10 23	10 51
11 18	11 43
—	0 6
0 27	0 46
1 4	1 22
1 40	1 58
2 17	2 36
2 55	3 14
3 33	3 53
4 14	4 35
4 57	5 21
5 45	6 11



1881

D M	D W	Sun rise.	Sun sets	Mo'n sets.	Mo'n So'th
1	Th.	5 28	6 32	10 55	6 8
2	Fr.	5 29	6 30	11 56	7 6
3	Sat.	5 30	6 28	morn	8 6
4	**36**	5 31	6 27	1 5	9 4
5	M.	5 32	6 25	2 19	10 2
6	T.	5 33	6 24	3 34	10 57
7	W.	5 34	6 22	4 50	11 51
8	T.	5 35	6 20	rises	morn
9	Fr.	5 36	6 19	6 50	0 43
10	Sat.	5 36	6 17	7 25	1 36
11	**27**	5 37	6 16	8 2	2 28
12	M.	5 38	6 14	8 44	3 20
13	T.	5 39	6 12	9 28	4 13
14	W.	5 40	6 11	10 18	5 5
15	Th.	5 41	6 9	11 12	5 56
16	Fr.	5 42	6 8	morn	6 46
17	Sat.	5 43	6 6	0 7	7 34
18	**38**	5 44	6 4	1 4	8 19
19	M.	5 45	6 2	2 2	9 3
20	T.	5 46	6 1	3 0	9 46
21	W.	5 47	5 59	3 59	10 28
22	Th.	5 48	5 57	4 58	11 11
23	Fr.	5 49	5 55	sets	11 54
24	Sat.	5 50	5 54	6 9	ev. 38
25	**39**	5 51	5 52	6 43	1 25
26	M.	5 52	5 51	7 20	2 15
27	T.	5 53	5 49	8 3	3 8
28	W.	5 54	5 47	8 53	4 3
29	Th.	5 55	5 46	9 50	5 0
30	Fr.	5 56	5 44	10 55	5 58

ASPECTS OF PLANETS.

1. V. s. 7 48 A
☿ r. 2 11 M.
☌ ☉ ☿
Altair s. 8 48 A.
♂ rises 10 50 A.
☌ ♌ ☉; ☾ in P.
7. Fomalh't
M. s. 11 45 A
Algenibs. 0 53 M
♃ rises 9 8 A.
☌ ♄ ☾
☌ Ψ ☾
☌ ♃ ☾; ☿ in ☊
♃ sta. ♎
15. ☌ ♂ ☾
Polar. s. 1 34 M
♄ rises 8 5 A.
☾ in Apogee.
☌ ☿ ☾
□ ☌ ☉; ☌ ☉ ☾
☉ en. ♎ Au. bg.
23. Uranus
☌ ☿ ☾
☿ Regulus.
♂ in ☊
Acher. s. 1 9 M.
♃ rises 7 30 A.
☿ in Aphel.
30. Arietis.

HIGH TIDE morn	even.
6 38	7 8
7 40	8 15
8 53	9 30
10 5	10 39
11 12	11 44
—	0 13
0 38	1 1
1 24	1 47
2 10	2 33
2 56	3 19
3 42	4 5
4 29	4 54
5 18	5 41
6 5	6 30
6 55	7 22
7 50	8 20
8 50	9 19
9 46	10 13
10 38	11 3
11 27	11 50
—	0 11
0 32	0 51
1 8	1 26
1 45	2 5
2 25	2 46
3 8	3 31
3 54	4 18
4 43	5 9
5 34	6 0
6 27	6 57



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th
1	Sat.	5 57	5 43	morn	6 55
2	40	5 58	5 41	0 4	7 50
3	M.	5 59	5 39	1 16	8 44
4	T.	6 0	5 38	2 28	9 37
5	W.	6 1	5 36	3 41	10 29
6	Th.	6 2	5 35	4 54	11 21
7	Fr.	6 3	5 33	rises	morn
8	Sat.	6 4	5 31	5 56	0 14
9	41	6 5	5 30	6 36	1 7
10	M.	6 6	5 28	7 21	2 0
11	T.	6 7	5 27	8 10	2 54
12	W.	6 8	5 25	9 2	3 47
13	Th.	6 9	5 23	9 58	4 38
14	Fr.	6 10	5 22	10 55	5 27
15	Sat.	6 11	5 20	11 53	6 14
16	42	6 12	5 19	morn	6 59
17	M.	6 13	5 17	0 50	7 42
18	T.	6 14	5 16	1 48	8 24
19	W.	6 15	5 14	2 47	9 6
20	Th.	6 17	5 13	3 46	9 49
21	Fr.	6 18	5 11	4 48	10 33
22	Sat.	6 19	5 10	5 49	11 20
23	43	6 20	5 9	sets.	ev. 9
24	M.	6 21	5 8	6 0	1 2
25	T.	6 22	5 6	6 49	1 58
26	W.	6 23	5 5	7 45	2 55
27	Th.	6 24	5 4	8 49	3 53
28	Fr.	6 25	5 3	9 56	4 50
29	Sat.	6 26	5 1	11 5	5 45
30	44	6 28	5 0	morn	6 39
31	M.	6 29	4 58	0 17	7 30

ASPECTS OF PLANETS.

Altair s. 7 2 A.
☿ rises 3 11 M.
Fom. s. 9 59 A.
☾ in Perigee.
Mark. s. 9 59 A.
Alge. s. 11 3 A.
☽ 7. ♂ r 9 49 A
☌ ♄ ☾
☌ ♅ ☾; ☌ ☉
Polaris s. 11 52 A
Ach. s. 0 10 M.
☌ ♂ ☾ [6 50 A.
☽ 14. ♃ rises.
☿ gr.e.e. 25°
☾ in Apogee.
☿ in Perihelion.
Arietis s. 0 13 M
☌ ☉ ☾
☌ ☿ ☾
♄ r. 5 47 A.
22. Aldebar
Capella s. 3 0 M
☌ ☿ ☾
Rigel s. 2 53 M.
☉ r. 2 33 M. ♉
☿ stationary.
☾ C. s. 3 54 M
29. S. s. 4 9 M
♆ rises 5 23 A.
☾ in Perigee.

HIGH TIDE	morn	even.
	7 28	8 1
	8 36	9 10
	9 43	10 15
	10 47	11 17
	11 45	— —
	0 12	0 37
	1 0	1 22
	1 44	2 7
	2 31	2 54
	3 18	3 42
	4 6	4 30
	4 54	5 17
	5 40	6 3
	6 26	6 50
	7 14	7 39
	8 6	8 33
	9 0	9 27
	9 52	10 17
	10 41	11 6
	11 30	11 53
	— —	0 16
	0 38	0 59
	1 18	1 39
	2 3	2 27
	2 51	3 16
	3 41	4 7
	4 34	5 0
	5 25	5 51
	6 17	6 44
	7 12	7 42
	8 13	8 45



1881

D M	D W	Sun rise.	Sun sets	Mo'n sets.	Mo'n So'th
1	T.	6 30	4 57	1 27	8 21
2	W.	6 31	4 56	2 38	9 11
3	Th.	6 32	4 55	3 47	10 2
4	Fr.	6 34	4 54	4 55	10 54
5	Sat.	6 35	4 53	6 4	11 47
6	45	6 36	4 52	rises	morn
7	M.	6 37	4 51	5 58	0 41
8	T.	6 38	4 50	6 50	1 35
9	W.	6 40	4 49	7 46	2 27
10	T.	6 41	4 48	8 44	3 18
11	Fr.	6 42	4 47	9 43	4 6
12	Sat.	6 43	4 46	10 41	4 52
13	46	6 44	4 45	11 38	5 36
14	M.	6 45	4 44	morn	6 18
15	T.	6 46	4 43	0 34	7 0
16	W.	6 47	4 42	1 33	7 42
17	Th.	6 48	4 41	2 32	8 25
18	Fr.	6 49	4 41	3 34	9 11
19	Sat.	6 51	4 40	4 37	9 59
20	47	6 52	4 40	5 42	10 51
21	M.	6 53	4 39	sets	11 47
22	T.	6 54	4 38	5 35	ev. 45
23	W.	6 55	4 38	6 39	1 45
24	Th.	6 57	4 37	7 46	2 44
25	Fr.	6 58	4 37	8 57	3 41
26	Sat.	6 59	4 36	10 8	4 35
27	48	7 0	4 36	11 19	5 28
28	M.	7 1	4 36	morn	6 18
29	T.	7 2	4 35	0 27	7 7
30	W.	7 3	4 35	1 35	7 57

ASPECTS OF PLANETS.

☿ ♄ ☉
☿ rises 4 19 M.
Fom. s. 7 57 A.
M. s. 8 1 A.
5. ♂ ♄ ☾
☌ ♅ ☾ [Inf.
☿ ♅ ☉; ☌ ☿ ☉
☿ in ♌
♂ rises 8 15 A.
☌ ♂ ☾
Alge. s. 8 42 A.
☿ in Perihelion.
13. ☿ ♅ ☉
♅ s. 6 41 M.
Polar. s. 9 34 A
☌ ☉ ☾
☿ sta. ♂ sta.
♄ sets 5 14 M.
☌ ☿ ☾
☌ ☿ ☾ [A
21. A.s. 9 28
☿ gr. H.l.N
☉ rises 0 48 M.
☿ gr. E. W. 20°
☾ in Perigee.
Arietis s. 9 36 A.
Alde. s. 0 4 M.
28. ♆ s. 5 13 M
Cap. s. 0 35 M
Rigel s. 0 32 M.

HIGH TIDE	morn	even.
	9 17	9 48
	10 18	10 47
	11 16	11 44
	— —	0 11
	0 36	0 59
	1 21	1 54
	2 8	2 32
	2 56	3 19
	3 41	4 4
	4 27	4 49
	5 11	5 32
	5 53	6 14
	6 35	6 56
	7 18	7 42
	8 7	8 33
	9 0	8 26
	9 53	10 20
	10 47	11 14
	11 41	— —
	0 8	0 33
	0 57	1 21
	1 46	2 12
	2 39	3 5
	3 31	3 57
	4 23	4 48
	5 13	5 38
	6 2	6 27
	6 52	7 18
	7 46	8 16
	8 47	9 19



1881

D M	D W	Sun rise.	Sun sets.	Mo'n sets.	Mo'n So'th	ASPECTS OF PLANETS.	HIGH TIDE morn	HIGH TIDE even.
1	Th.	7 4	4 35	2 44	8 47	♀ rises 5 30 M.	9 49	10 19
2	Fr.	7 5	4 35	3 52	9 38	☌ ☾	10 49	11 18
3	Sat.	7 6	4 35	4 57	10 31	☌ ☿ ☾: ☌ ☿ ☾	11 46	— —
4	**49**	7 7	4 34	6 0	11 24	☌ ☿ ♀ [A. ♒	0 14	0 39
5	M.	7 8	4 34	rises	morn	☍ 5. ♂ r. 6 19	1 2	1 24
6	T.	7 9	4 34	5 34	0 17	Al. s. 7 3 A	1 46	2 9
7	W.	7 10	4 34	6 31	1 9	☌ ☌ ☾	2 33	2 55
8	Th.	7 11	4 34	7 29	1 58	☌ ☌ β♏ Scorpii.	3 16	3 37
9	Fr.	7 11	4 34	8 28	2 46	Pola. s. 8 0 A.	3 58	4 18
10	Sat.	7 12	4 34	9 26	3 30	□☉ ☉: ☌ ♀ β♑S	4 38	4 58
11	**50**	7 13	4 34	10 23	4 13	☾ in Apogee.	5 18	5 37
12	M.	7 14	4 34	11 20	4 55	♃ sets 4 34 M.	5 56	6 15
13	T.	7 14	4 35	morn	5 36	☽ 13. ☌ ☉ ☾	6 35	6 56
14	W.	7 15	4 35	0 18	6 18	A. s. 7 58 A.	7 18	7 43
15	Th.	7 15	4 36	1 18	7 2	Ari. s. 8 21 A.	8 10	8 39
16	Fr.	7 16	4 36	2 19	7 48	☿ in ♉	9 8	9 37
17	Sat.	7 17	4 36	3 23	8 37	Al. s. 10 42 A.	10 7	10 38
18	**51**	7 17	4 37	4 28	9 31	♄ sets 3 9 M.	11 10	11 42
19	M.	7 18	4 37	5 32	10 28	☌ ☿ ☾ [♃	— —	0 11
20	T.	7 18	4 38	6 35	11 28	● 21. ☌ ☿ ☾	0 39	1 5
21	W.	7 19	4 38	sets.	ev. 29	☉enter♑w.b.	1 31	1 57
22	Th.	7 19	4 39	6 39	1 29	Cap. s. 11 1 A.	2 24	2 50
23	Fr.	7 20	4 39	7 53	2 27	☾ in per. ☉ sta.	3 16	3 41
24	Sat.	7 20	4 40	9 6	3 22	☉ ris. 10 45 A.	4 6	4 31
25	**52**	7 21	4 40	10 18	4 14	Rigel s. 10 50 A.	4 55	5 19
26	M.	7 21	4 41	11 27	5 5	☿ in Aphelion.	5 42	6 5
27	T.	7 21	4 42	morn	5 55	☾ 27. ☌ ☉	6 29	6 54
28	W.	7 21	4 42	0 35	6 44	C.s. 11 50 A.	7 20	7 48
29	Th.	7 22	4 43	1 43	7 35	☌ ☾	8 19	8 51
30	Fr.	7 22	4 43	2 49	8 26	☌ ☿ ☾; ☌ ♃ ☾	9 23	9 54
31	Sat.	7 22	4 44	3 52	9 18	☿ sets 3 0 M.	10 25	10 56

THE INTEREST LAWS OF THE STATES

From "The Banker's Almanac and Register."

RATE PER C.

	STATE.	LEGAL.	SPECIAL.	PENALTY FOR USURY.
1	Alabama	8	8	Forfeiture of interest and costs.
2	Arizona	10	*d*	None.
3	Arkansas	6	10	None.
4	California	10	*d*	None.
5	Colorado	10	*d*	None.
6	Connecticut	7	*d*	Forfeiture of all interest.
7	Dakota	7	18	Forfeiture of contract.
8	Delaware	6	6	Forfeiture of contract.
9	Dist. of Columbia.	6	10	Forfeiture of all interest.
10	Florida	8	*d*	None.
11	Georgia	7	*d*	None.
12	Idaho *a*	10	24	$300 or imprisonment 6 months or both.
13	Illinois	6	8	Forfeiture of all interest.
14	Indiana	6	10	Forfeiture of interest and costs.
15	Iowa	6	10	Forfeiture of excess of interest.
16	Kansas	7	12	Forfeiture of excess over 12 per cent.
17	Kentucky	6	10	Forfeiture of all interest.
18	Louisiana	5	8	Forfeiture of all interest.
19	Maine	6	*d*	None.
20	Maryland	6	6	Forfeiture of excess of interest.
21	Massachusetts	6	*d*	None. (6 per cent. on judgments.)
22	Michigan	7	10	Forfeiture of excess of interest.
23	Minnesota	7	12	Forfeiture of excess over 7 per cent.
24	Mississippi	6	*d*	None.
25	Missouri	6	10	Forfeiture of all interest.
26	Montana	10	*d*	None.
27	Nebraska	10	12	Forfeiture of all interest and costs.
28	Nevada	10	*d*	None.
29	New Hampshire	6	6	Forfeiture of three times the interest rec'd
30	New Jersey	6	6	Forfeiture of all interest.
31	New Mexico	6	12	None.
32	New York *a*	6	6	Forfeiture of principal, $1000 fine and 6 m'ths imp.
33	North Carolina	6	8	Forfeiture of all interest.
34	Ohio	10	6	Forfeiture of excess of interest.
35	Oregon	10	12	Forfeiture of principal, interest and costs.
36	Pennsylvania	6	6	Forfeiture of excess of interest.
37	Rhode Island *b*	6	*d*	Forfeiture of interest unless a greater rate is contracted.
38	South Carolina	7	*d*	None.
39	Tennessee	6	10	Forfeiture of excess over 6 per cent. and $100 fine.
40	Texas	8	*d*	None.
41	Utah	10	*d*	None.
42	Vermont	6	6	Forfeiture of excess of interest.
43	Virginia	6	8	Forfeiture of contract, penalty of twice the principal.
44	Washington Terr.	10	*d*	None.
45	West Virginia	6	6	Forfeiture of excess of interest.
46	Wisconsin	7	10	Forfeiture of all the interest.
47	Wyoming	10	*d*	None.

a Usurers liable to arrest for misdemeanor. *b* Rate on judgments unless otherwise expressed. *d* No special rates prescribed.

INTEREST TABLE.

SIX PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Day.	0	0	0	0	0	0	0	0	0	0	2	17
2 "	0	0	0	0	0	0	0	0	0	0	3	33
3 "	0	0	0	0	0	0	0	0	0	1	5	50
4 "	0	0	0	0	0	0	0	0	1	1	7	67
5 "	0	0	0	0	0	0	1	1	1	1	8	83
6 "	0	0	0	0	0	1	1	1	1	1	10	1 00
7 "	0	0	0	0	1	1	1	1	1	1	12	1 17
8 "	0	0	0	1	1	1	1	1	1	1	13	1 33
9 "	0	0	0	1	1	1	1	1	1	2	15	1 50
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
11 "	0	0	1	1	1	1	1	1	2	2	18	1 83
12 "	0	0	1	1	1	1	1	2	2	2	20	2 00
13 "	0	0	1	1	1	1	2	2	2	2	22	2 17
14 "	0	0	1	1	1	2	2	2	2	2	23	2 33
15 "	0	1	1	1	1	2	2	2	2	3	25	2 50
1 Mon.	1	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	2	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	3	5	8	10	13	15	18	20	23	25	2 50	25 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 Year.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

EIGHT PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 Day.	0	0	0	0	0	1	1	1	1	1	9	89
8 "	0	0	1	1	1	1	1	1	2	2	18	1 78
12 "	0	1	1	1	1	2	2	2	2	3	27	2 67
16 "	0	1	1	1	2	2	2	2	3	3	36	3 56
20 "	0	1	1	2	2	2	3	3	3	4	44	4 44
24 "	1	1	2	2	2	3	3	3	4	4	53	5 33
28 "	1	1	2	2	3	3	3	4	4	5	62	6 22
1 Mon.	1	1	2	3	3	3	4	4	5	5	70	7 00
2 "	1	2	3	4	5	5	6	6	7	7	67	6 67
3 "	2	3	4	5	7	8	9	10	11	12	13	1 33
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	3	5	8	11	13	16	19	21	24	27	2 67	26 67
6 "	3	7	10	13	17	20	23	27	30	33	3 33	33 33
1 Year.	4	8	12	16	20	24	28	32	36	40	4 00	40 00
	8	16	24	32	40	48	56	64	72	80	8 00	80 00

INTEREST TABLE.

SEVEN PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Day.	0	0	0	0	0	0	0	0	0	0	2	19
2 "	0	0	0	0	0	0	0	0	0	0	4	39
3 "	0	0	0	0	0	0	0	0	0	1	6	58
4 "	0	0	0	0	0	0	1	1	1	1	8	78
5 "	0	0	0	0	0	1	1	1	1	1	10	97
6 "	0	0	0	0	1	1	1	1	1	1	12	1 17
7 "	0	0	0	1	1	1	1	1	1	1	14	1 36
8 "	0	0	0	1	1	1	1	1	1	2	16	1 56
9 "	0	0	0	1	1	1	1	1	2	2	18	1 75
10 "	0	0	0	1	1	1	1	1	2	2	19	1 94
11 "	0	0	1	1	1	1	1	2	2	2	21	2 14
12 "	0	0	1	1	1	1	2	2	2	2	23	2 33
13 "	0	0	1	1	1	1	2	2	2	3	25	2 53
14 "	0	0	1	1	1	1	2	2	2	3	27	2 72
15 "	0	0	1	1	1	1	2	2	2	3	29	2 92
1 Mon.	1	1	2	2	3	4	4	5	5	6	58	5 83
2 "	1	2	4	5	6	7	8	9	11	12	1 17	11 67
3 "	2	4	5	7	9	11	12	14	16	18	1 75	17 50
4 "	2	5	7	9	12	14	16	19	21	23	2 33	23 33
5 "	3	6	9	12	15	18	20	23	26	29	2 92	29 17
6 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
1 Year.	7	14	21	28	35	42	49	56	63	70	7 00	70 00

TEN PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 Days.	0	0	0	0	0	1	1	1	1	1	11	1 11
8 "	0	0	1	1	1	1	2	2	2	2	22	2 22
12 "	0	1	1	1	2	2	2	3	3	3	33	3 33
16 "	0	1	1	2	2	3	3	4	4	4	44	4 44
20 "	1	1	2	2	3	3	4	4	5	6	56	5 56
24 "	1	1	2	3	3	4	5	5	6	7	67	6 67
28 "	1	2	2	3	4	5	5	6	7	8	78	7 78
1 Mon.	1	2	3	3	4	5	6	7	8	8	83	8 33
2 "	2	3	5	7	8	10	12	13	15	17	1 67	16 67
3 "	3	5	8	10	12	15	18	20	23	25	2 50	25 00
4 "	3	7	10	13	17	20	23	27	30	33	3 33	33 33
5 "	4	8	13	17	21	25	29	33	38	42	4 17	41 67
6 "	5	10	15	20	25	30	35	40	45	50	5 00	50 00
1 Year.	10	20	30	40	50	60	70	80	90	$1	$10	$100

DOMESTIC POSTAGE.

ON ALL LETTERS throughout the United States, 3 cents for each half ounce or fraction thereof.

DROP OR LOCAL LETTERS, 2 cents where there is a free carrier's delivery. At other offices, 1 cent.

VALUABLE LETTERS may be registered by the payment of a registration fee of 10 cents. Merchandise packages can be registered by paying 10 cents fee in addition to the postage one cent per ounce.

MONEY can be sent with absolute safety by mail by procuring a Money Order. The fees are, on Orders not exceeding $15, 10 cents; $15 to $30, 15 cents; $30 to $40, 20 cents; $40 to $50, 25 cents.

Circulars, Pamphlets, Newspapers, Magazines, Books, Sheet Music (printed), Maps, and Proof-Sheets, one cent for each two ounces or fraction thereof.

Cards, Prints, Seeds, Roots, Flexible Patterns, Metals, Merchandise, and Letter Envelopes, one cent for each ounce or fraction thereof.

No package will be forwarded which weighs over four pounds, except books published or circulated by order of Congress.

FOREIGN POSTAGE.

ON LETTERS to those Countries included in the UNITED POSTAL UNION, viz.,—Great Britain and Ireland, France, Germany, Austria, Spain, Portugal, Switzerland, Italy, Turkey, Russia, Sweden, Denmark, Norway, Persia, Egypt, Brazil, Peru,—for every half ounce or fraction thereof, 5 cents, if prepaid.

UNPAID LETTERS will be charged in the country of destination with double the rate chargeable in that country for prepaid letters.

NEWSPAPERS and other printed matter can be forwarded, if insufficiently prepaid, and double the amount due will be collected.

LETTERS TO OTHER FOREIGN COUNTRIES vary in rate according to the route by which they are sent; proper information can be obtained of any Postmaster in the United States.

POPULATION OF STATES AND TERRITORIES—1870.

STATES.	POPULA.	STATES.	POPULA.
Alabama	996,992	Ohio	2,665,260
Arkansas	484,471	Oregon	90,923
California	560,247	Pennsylvania	3,521,791
Connecticut	537,454	Rhode Island	217,353
Delaware	125,015	South Carolina	765,606
Florida	187,748	Tennessee	1,258,520
Georgia	1,184,109	Texas	818,579
Illinois	2,539,891	Vermont	330,551
Indiana	1,680,637	Virginia	1,225,163
Iowa	1,191,792	West Virginia	442,014
Kansas	364,399	Wisconsin	1,054,670
Kentucky	1,321,011		
Louisiana	726,915	TERRITORIES.	
Maine	626,915		
Maryland	780,894	Arizona	9,658
Massachusetts	1,457,351	Colorado	39,864
Michigan	1,184,059	Dakota	14,181
Minnesota	439,706	Dist. Columbia	131,700
Mississippi	827,922	Idaho	14,999
Missouri	1,721,295	Montana	20,595
Nebraska	122,993	New Mexico	91,874
Nevada	42,491	Utah	86,786
N. Hampshire	318,300	Washington	23,955
New Jersey	906,096	Wyoming	9,118
New York	4,382,759		
North Carolina	1,071,361	Total	38,555,983

PRINCIPAL CITIES.

THEIR DISTANCE FROM NEW YORK, WITH THE DIFFERENCE IN TIME AND POPULATION.

CITIES.	MILES.	HOURS.	TIME WHEN 12 O'CLOCK AT NEW YORK.	POPULATION.
Albany, N. Y.	144	5	12 1 6 P. M.	76,216
Baltimore, Md.	186	8	11 49 38 A. M.	267,354
Boston, Mass.	231	10	11 50 0 "	250,526
Brooklyn, N. Y.	.....	.....	.....	396,300
Buffalo, N. Y.	423	18	11 40 24 A. M.	117,715
Burlington, Iowa	1118	50	10 51 0 "	14,930
Charleston, S. C.	815	47	11 36 22 "	48,956
Chicago, Ill.	898	36	11 6 2 "	298,983
Cincinnati, Ohio	744	31	11 18 16 "	216,239
Cleveland, Ohio	581	23	11 30 0 "	92,829
Detroit, Mich.	664	27	11 23 54 "	79,577
Galveston, Texas	1822	120	10 36 58 "	13,818
Indianapolis, Ind.	812	34	11 11 54 "	48,244
Louisville, Ky.	852	41	11 14 4 "	100,754
La Crosse, Wis.	1214	50	10 50 0 "	7,785
Memphis, Tenn.	1229	65	10 56 0 "	40,226
Milwaukee, Wis.	998	40	11 4 16 "	71,440
Mobile, Ala.	1628	80	11 0 2 "	32,034
Montreal, Can.	396	19	12 1 44 P. M.	107,225
New Orleans, La.	1483	82	10 56 4 A. M.	191,418
New York, N. Y.	.....	.....	.....	926,341
Omaha, Neb.	1420	56	10 32 0 A. M.	16,083
Philadelphia, Pa.	88	4¼	11 55 25 "	817,448
Pittsburgh, Pa.	431	17	11 36 0 "	86,076
Portland, Me.	349	15	12 15 0 P. M.	31,414
Quincy, Ill.	1169	50	10 49 0 A. M.	24,052
Richmond, Va.	356	20	11 46 15 "	51,038
Salt Lake City, U. T.	2464	160	9 28 0 "	12,854
San Francisco, Cal.	3302	192	8 46 19 "	149,473
St. Joseph, Mo.	1391	61	10 37 0 "	19,565
St. Louis, Mo.	1089	45	10 55 4 "	310,869
St. Paul, Minn.	1347	64	10 43 45 "	20,031
Saratoga Spr'gs, N. Y.	183	8	12 0 1 P. M.	7,561
Washington, D. C.	226	10	11 47 53 A. M.	109,199
W. Mountains, N. H.	323	13¾	12 10 30 P. M.	.....

PRESIDENTS OF THE UNITED STATES.

NAMES.	WHEN BORN.	INAUGURATED.	CONTINUED IN OFFICE.	DIED.	NATIVE OF
GEO. WASHINGTON...	Feb. 22, 1732.	April 3, 1789..	8 years.....	Dec. 14, 1799.	Virginia.
JOHN ADAMS.....	Oct. 30, 1735.	Mar. 4, 1797..	4 "	July 4, 1826.	Massachusetts.
THOMAS JEFFERSON.	April 2, 1743.	" 4, 1801..	8 "	July 4, 1826.	Virginia.
JAMES MADISON.....	Mar. 16, 1751.	" 4, 1809..	8 "	June 28, 1836.	"
JAMES MONROE.....	April 2, 1759.	" 4, 1817..	8 "	July 4, 1831.	"
JOHN QUINCY ADAMS	July 11, 1767.	" 4, 1825..	4 "	Feb. 23, 1848.	Massachusetts.
ANDREW JACKSON....	Mar. 15, 1767.	" 4, 1829..	8 "	June 8, 1845.	South Carolina.
MARTIN VAN BUREN.	Dec. 5, 1782.	" 4, 1837..	4 "	Dec. 27, 1862.	New York.
WM. H. HARRISON...	Feb. 9, 1773.	" 4, 1841..	1 month.....	April 4, 1841.	Virginia.
JOHN TYLER.....	Mar. 20, 1790.	April 5, 1841..	3 yrs. 11 mos.	Jan. 17, 1862.	"
JAMES K. POLK.....	Nov. 2, 1795.	Mar. 4, 1845..	4 years.....	June 15, 1849.	North Carolina.
ZACHARY TAYLOR...	Nov. 24, 1790.	" 4, 1849..	1 yr. 4 mos....	July 9, 1850.	Virginia.
MILLARD FILLMORE.	May 7, 1800.	July 10, 1850..	2 yrs. 8 mos...	Mar. 8, 1874.	New York.
FRANKLIN PIERCE...	Nov. 23, 1804.	Mar. 4, 1853..	4 years.....	Oct. 8, 1869.	New Hamp.
JAMES BUCHANAN....	April 23, 1791.	" 4, 1857..	4 years.....	June 1, 1868.	Pennsylvania.
ABRAHAM LINCOLN..	Feb. 12, 1809.	" 4, 1861..	4 yrs. 40 days.	April 15, 1865.	Kentucky.
ANDREW JOHNSON...	Dec. 29, 1808.	April 15, 1865.	3 yrs. 11 mos.	July 31, 1875..	North Carolina.
ULYSSES S. GRANT..	April 27, 1822.	Mar. 4, 1869..	8 years.....	.....	Ohio.
R. B. HAYES.....	Oct. 4, 1822...	March 5, 1877	.....	.....	Connecticut.

SATURDAY, JANUARY 1, 1881.

San Francisco, Cal. June
The Ship, lying at
the Sea wall at Brooklyn end
of new Dock

1

SUNDAY, JANUARY 2, 1881.

MONDAY, JANUARY 3, 1881.

TUESDAY, JANUARY 4, 1881.

WEDNESDAY, JANUARY 5, 1881.

Fine weather
Our "Lay days" Commence

THURSDAY, JANUARY 6, 1881.

Fine, dry weather, wind from North
taking in
Cargo

FRIDAY, JANUARY 7, 1881.

Fine weather. taking in
Cargo.

4 Lay days 0 gone

SATURDAY, JANUARY 8, 1881.

Fine weather.

wrote B & C to get £3000 insurance on the part of Bark "Paris" with Collision Clause

SUNDAY, JANUARY 9, 1881.

Fine weather.
go to Oakland & Almatia

5 MONDAY, JANUARY 10, 1881.

6 days TUESDAY, JANUARY 11, 1881.

SUNDAY, JANUARY 16, 1881.

I in ship "Storm King" up to Vallejo & from there in steam tug to Port Costa & Benicia fine country but awfull muddy

SUNDAY, JANUARY 23, 1881.

17 MONDAY, JANUARY 24, 1881.

Fine weather taking in Cargo —

Send Sarah Post Office order for $50 — No 13271

TUESDAY, JANUARY 25, 1881.

Finish Loading and haul in stream at 5 P.M.

WEDNESDAY, JANUARY 26, 1881.

Ship on Sailor

Mr Chesebro Presented the Boys a Silver Mug with his name "John Bibb Randall" engraved on it

THURSDAY, JANUARY 27, 1881.

Waiting for Seamen

FRIDAY, JANUARY, 28, 1881.

S.E. storm wind & rain

SATURDAY, JANUARY 29, 1881.

S.E. storm wind & rain

SUNDAY, JANUARY 30, 1881.

MONDAY, JANUARY 31, 1881.

San Francisco at anchor in the harbour, waiting for men

Dinner .75
Butter .50
Bolts .50
Quail .60
Shrimp .10

3 Sailors shipped all

Carpenter title D.
Mosts is 45.03
70-
24.97

TUESDAY, FEBRUARY 1, 1881.

Waiting for men.

Rubber & glass 1.-
Ducks .50
Beans .75
2.25

WEDNESDAY, FEBRUARY 2, 1881.

Waiting for men steam one

Dinner .50
Corn .25
Fruit .40
Chimney .50
1.15

THURSDAY, FEBRUARY 3, 1881.

Butter 3.20
Fish 1.75
4.95

Cash to Mr Randall 2.50

FRIDAY, FEBRUARY 4, 1881.

Oranges 3.50
Lemons 1.50
Bananas 2.00

Cash from Consignee 2.00 total $1650

Shipped all my sailors
cleared from Custom
House & settled with
Consignee

Sent home to Sarah Post
Office order for $350 —
$50 — of which is for
John

Paid $200 bonus for
getting Quitem

at 6 A.M. Pilot & Tug Come
Rec'd Ship House & hoist but
it being so foggy Could
not start till 9. when
got near the bar it was
so rough dared not
cross the current was
running so strong all the
Tug Could do to stem it
On flood tide at 5 P.M.
Crossed the bar had to
pay Tug $200 extra

Saml. Bunker. Randall
Avarado Alamada Co
Capt of Tug Boat Cal.

MONDAY, FEBRUARY, 7, 1881.

Foggy moderate breezes from S.W.

Broached Bbl Pork

Lat 34-00 183-03
Bar 30-05

TUESDAY, FEBRUARY 8, 1881.

Fine N.W. breezes.

Ships Company
1 Capt
3 Mates
1 Carpenter
1 Steward
1 Cook
1 Boswain
12 A.B.
4 O.S.
1 Cabin boy
6 Family
31

Lat 35-48 Long 123-55
Dist from San Francisco 135

WEDNESDAY, FEBRUARY 9, 1881.

Fine weather. Moderate wind from N. N. W.

Lat 32=34 Long 124=50
Dist 204'.

THURSDAY, FEBRUARY 10, 1881.

Fine.
Moderate wind from North

Lat 30-08 Long 125=40
Dist 155

FRIDAY, FEBRUARY 11, 1881.

Fine weather. Moderate breeze from North & South part from E.S.E.

Dist 100

Lat 28=34 Long 126=11

SATURDAY, FEBRUARY 12, 1881.

Fine weather. light wind E & S.E.

Bent new mizzen topsail that we made last passage. tis a perfect fit

Lat 27=43 Long 126=28

Dist 55

SUNDAY, FEBRUARY 13, 1881.

Fine weather
light wind from
E & S.E.
Latter part
fine breeze from N.E. first
part trades

Broached Fierce Bass

Sat 26=03 Long 126=48
Dist 100

MONDAY, FEBRUARY 14, 1881.

Fine weather light
wind from E & N.E.

Butchered Stock weight
dressed 49 lbs

Sat 29=03 Long 125=53
Dist 159

TUESDAY, FEBRUARY 15, 1881.

Overcast occasional light sprinkles light wind E, to E.N.E.

Lat 21=12 Long 125=06 Dist 151
Bar. 30.05 Air 67°

WEDNESDAY, FEBRUARY 16, 1881.

Fine weather, mostly overcast and cool for this Lat. Light wind from E, to E.N.E. smooth water

Lat 18=48 Long 124=19
Dist 150
Bar 30.

THURSDAY, FEBRUARY 17, 1880.

Overcast. First part light wind. Latter part Fresh Trade.

Taking the windlass and cleaning it

Lat. 15°-57 Long. 237-2
Dist. 190
Bar 30. Air 73°

FRIDAY, FEBRUARY 18, 1881.

Fresh Trade winds

Lat 12-17 Long 122-23
Dist 223
Bar 30. Air 77°

SATURDAY, FEBRUARY 19, 1881.

Occasional Rain squalls, Fresh trades

Having occasion to punish Tobo I slipped him rather hard & noticed he neither flinched or whimpered he told his Mama that if I struck him when he got big he would strike back and run away. Am rather pleased at the spirit but it makes me thoughtful

Sat 9-9 Long 121-02
" Dist 200-
Bar 29.91 Air 80

SUNDAY, FEBRUARY 20, 1881.

Frequent rain squalls at times wind hauls forward & N.E. Indicating as that we are approaching near the southern limits of N.E. trades

2 weeks out

Sat 6-00 Long 120-21
Dist 195
Bar 29.90 Air 84

MONDAY, FEBRUARY 21, 1881.

Variable wind from E. to S.E.
Frequent rain squalls - Calm at times

Butcher shop 48 lbs.

Comcd making new Royal

Lat 4=42 Long 120=38
Dist 89.
Bar 29.87 Air 78

TUESDAY, FEBRUARY 22, 1881.

At 4 P.M. First steady S.E. trades Come in rain squalls. fresh breeze and frequent rain squalls

Lat 2=16 Long 122=00
Dist 168.
Bar 29.86 Air 80

WEDNESDAY, FEBRUARY 23, 1881.

Fine weather. Wind steady SE. trades

At 4 PM. Crossed Earth's Central line, My 25th Crossing

Distance sailed 2866 Knots - 17 Days - averageing per day 168.6 Miles per day

Lat 00.47 South Long 123-34
Dist 8202
Bar 29.9 Air 81

THURSDAY, FEBRUARY 24, 1881.

Fine weather.
Fine S.E. trades
beautiful as fancy Can paint - Carpenter Comd. Making an top sail yard from Wash Spar

Lat 3=26 S. Long 124=53
Dist 190
Bar 29.92 Air 83

FRIDAY, FEBRUARY 25, 1881.

Variable wind, squally
With rain.

at 5=53 Long 125=45
Dist 148

SATURDAY, FEBRUARY 26, 1881.

Fine weather fresh
SE. trades

Lat 8=31 Long 126=37
Dist 178
Bar 29.9 Air 83°

SUNDAY, FEBRUARY 27, 1881.

Fair weather.
Moderate steady
trade winds.

We have 14 hens, they
are looking finely, we
average 5 eggs per
day from them

21 days out

Lat 11=30 Long 128=02
Dist 185
Bar 30 Air 83°

MONDAY, FEBRUARY 28, 1881.

Fine weather, Moderate
trade winds

Lat 13=50 Long 128=50
Dist 182
Bar 29.93 Air 83½

Thurs 3

TUESDAY, MARCH 1, 1881.

Fine weather
very light trades

Reading Daml Deronda
a remarkable Conception

Lat 18=44 Long 128=57
Dist 67'
Bar. 30.01 Air 84 1/2

Friday 4th

WEDNESDAY, MARCH 2, 1881.

Fine weather. a track
in the trade winds =
Light airs from various
Quarters & Calm

The President takes his
seat - I fully a trust
that my Country will have
made a choice of such a
man as Mr Garfield
Hope he will persist against
the politicians - in reform-
ing the "Civil service"

Lat 19=27 Long 128=41
Dist 35'
Bar 30.06 Air 84 1/2

Tuesday 1st

THURSDAY, MARCH 3, 1881.

Fine weather Moderate trade winds

Butchered a sheep dressed weight 53 lbs

Lat 15-39 Long 129-18
Dist 122
Bar 29.94 Air 84°

Wednesday 2

FRIDAY, MARCH 4, 1881.

Fine weather, Moderate trade winds

Planted box of Cress & mustard seed

People employed fleeting casks & selling up rigging &c

Lat 17-41 Long 129-03
Dist 129
Bar 29.57 83°

SATURDAY, MARCH 5, 1881.

Fine weather
light Southerly
airs & Calms

Broached Bbl Beef
& Bbl Pork

Beef 20 Days
" 27 Days

Carpenter finished a fine
cover for Canoe
polished & the letter
R inlaid in the top
in pearl shell

Lat 20=29 Long 129=15
Dist 61
Bar 30-06 Air 84°

SUNDAY, MARCH 6, 1881.

Fine weather
light variable
trades

When our sails are
all set we spread
7500 yards Canvas

Lat 22=57 Long 129=31
Dist 146
Bar 30.06 Air 84

MONDAY, MARCH 7, 1881.

Fine weather Light airs from E.S.E. to S.E.

Sent the Pitcairn
Sacs Bread do Potatoes
40 lbs Rice 1 Kit Beef do Pork
10 lbs Tobacco 2 Shirts 2 do Pants
1 Kit Brandy 1 do Gin 1 do Citrate 4 Bottles Soap.

Our Hong Kong Boy that had been sailing for some time - died to day

4 Gals Meats 2 Skins tow
1 Bot Castor oil 1 do Cordial
5 lbs Tea 2 Knives
1 pair slippers tall a hunk

Dinner

Sat. 24 m 07 Long 129-54

Dist 80.

Bar. 30.11 Air 84

TUESDAY, MARCH 8, 1881.

Fine weather, light airs & Calm at daylight make Pitcairns Island - At 3 PM. 13 natives Come on board, including Geo Christian & 6 Geos young descendants of the "Bounty" Mutineers They bring us 14 bunches Bananas 150 oranges some fine apple Expressions, in return we give them a Keller of pork & Hong with Sauce

Sat 24-58 Long 130=25
Dist 87

WEDNESDAY, MARCH 9, 1881.

Fine weather light Vbg airs from N. Eastward

Sail maker finished new main topmast Staysail, a fine job

Sat 26=05 Long 130=25
Dist 70
Bar 30.16 Air 83

THURSDAY, MARCH 10, 1881.

Fine weather, light airs from N.E. to N.W,

Sat. 26=56 Long 130-00
Dist 140.
Bar 30.1 air 82

FRIDAY, MARCH 11, 1881.

First part light westerly airs - fine weather.

Latter part heavy rain squalls from South took in sails & put reefs in topsails for first time this passage

Dist 55'
D.R. " 2nd
Sat 27=52 Long 129=20
Bar 30.05 Air 73

SATURDAY, MARCH 12, 1881.

Clouds & fresh wind from S.S.E.

Sat 29=29 Long 129=56
Dist 120
Bar 30.13 air 74°

SUNDAY, MARCH 13, 1881.

Fresh breeze from E.S.E. & E.N.E. Jacked to North 3 hours in the night & keep clear of the Michaels' group, market on the Chart I doubt of its existence.

Cloudy

Brekd Fine Rest

Lat 31-45 Long 128-47

Bar 30-15 150 Air 74

MONDAY, MARCH 14, 1881.

Cloudy. Fresh wind from E.N.E. making good progress on our Course

at 3 P.M. make a sail on the Lee bow bound with us. the 2nd seen since leaving port.

Bad Rained a Sheep weighed dressed 57 lbs

Lat 34-32 Long 126-20

Dist 183

Bar 30.24 Air 67

TUESDAY, MARCH 15, 1881.

Over cast Fresh
wind from E.N.E.
to N.E.

The Carpenty finishes a
large packing Chest for
me. made of Oregon Cedar
he also made the lock
very well done

D R.

Lat 37-17 Long 121-29
Dist 216
Bar. 30.31 Air 67

WEDNESDAY, MARCH 16, 1881.

Cloudy & Rainy
Wind Fresh from
NE, North & lastly
Moderate from N.W.

Put the sailor Scott
in irons for refusing
duty and insolent
Conduct

D R

Lat 39-37 Long 121-19
Dist 177
Bar 29.75 Air

THURSDAY, MARCH 17, 1881.

Cloudy. Fresh wind from west to S.W.

Set Sail out of irons

Lat. 42-27 Long 119-02
Dist. 196
Bar. 29.55

FRIDAY, MARCH 18, 1881.

Fresh Gale from S.E.
Stormy - Rain
Shorten sail to close
Fore & Main Topsails &
Fore sail
At 2 P.M.
Andrew Anderson O.S.
Fell or jumped overboard
and was lost - his gener-
ally thought he jumped
overboard purposely to
end his life

Lat. 43-32 Long 118-30
Dist. 172

SATURDAY, MARCH 19, 1881.

Cloudy. First wind from S.S.W. Rain squalls

Lat. 44-43 Long. 117-50
Dist 62
Bar. 30.25

SUNDAY, MARCH 20, 1881.

Cloudy. Fresh gale from S.S.W. & S.S.E. Rain squalls.

The Bananas we got from Pitcairns Island ripening just as we wish them, they are very nice but the children eat lots

Lat. 46-08 Long. 115-00
Dist 156
Bar. 30.27

MONDAY, MARCH 21, 1881.

Strong wind from S.S.W. at times heavy squalls. Ship being under reduced sail & lower topsails. Heavy sea running rolling heavily

Butchered ship weight 49 lbs

Sal 48=11 Sugs 11=26
Dist 196
Bar 30_21

TUESDAY, MARCH 22, 1881.

Strong gale from S.W. & bad sea running. Shipping much water. Flying clouds

Sal 50=31 Sugs 10½=57
Dist 200
Bar 30_06

4*

WEDNESDAY, MARCH 23, 1881.

Strong Gale blowing from S.S.W. Sea running. Ship rolling badly and shipping much water. At 6 PM. hove the ship to on starbd tack - At 4 AM. kept away on course. Light Fast wind moderate from S.W.

Lat 57=17 Long 105=43
Dist 109
Bar 30.19

THURSDAY, MARCH 24, 1881.

Strong wind from S.W. & W.S.W. Generally thick flying "scud". Sun gets out occasionally.

Robbie jamed his thumb very badly - the after cabin door slamed against it

Lat 53=40 Long 101=50
Dist 196
Bar 30.15

FRIDAY, MARCH 25, 1881.

Cloudy - Moderate wind from W.S.W. to N.N.W. Latter for most part Moderate all light sails set

Our Pitcairn island fruit is keeping nicely since we have got in Cool weather

Lat. 55=11 Long 98=19
Dist 160'
Bar 30.1

SATURDAY, MARCH 26, 1881.

Fresh steady wind from North to N.N.E. Sky mostly fine and quick flying cloud - Sun at times quite out

Lat 56=12 Long 92=51
Dist 192'
Bar 29.94

SUNDAY, MARCH 27, 1881.

Fresh wind from N.N.E. to N.N.W latter part moderate all day got many skins brightly but thick low to E. thick & foggy throughout

DR DR
Lat. 66 = 28 Long 87 = 15
Bar 29.92

MONDAY, MARCH 28, 1881.

Moderate wind from WNW. to SW. first part thick fog latter part clear

Lat. 66 = 51 Long 86 = 35
Dist 24
Bar 30.05

TUESDAY, MARCH 29, 1881.

First part Moderate
breeze from W by W,
latter part
strong gale from
West, Clear

Cape Region around
for the first time
this passage

Lat 36=58 Long 74=52
Dist 180
Bar 29.82

WEDNESDAY, MARCH 30, 1881.

First part strong Gale
from W S W Midnight
Moderate 93 W
latter part Moderate
N W. Thick throughout

Broached after water tank
20 feet water in it

Caught a little land
bird we think a Lowen
it drank & fed but
in the morning it was
dead which is a great
DR SR Co
Lat 37=58 Long 69=32 to the
Dist 189 Children
Bar 29.75

THURSDAY, MARCH 31, 1881.

Fresh wind throughout first from NW. W. then SW. Cloudy at times thick rainy

Distance Sailed to Equator 2866
" " Cape Horn 4951
35½ days daily average 7817
139.4

Brekfast Bk Beef Thu
Lost steer Lasted 17 days
Past the Meridian of
Cape Horn This 6th time I
have passed Eastward This way
DR DR
Lat 57=19 Long 63=00
Dist 216'
Bar 29.5

FRIDAY, APRIL 1, 1881.

Put to Sea at 1 PM with
86 Fms —
First part strong wind
from W.S.W. Middle part
strong breeze from S.W.
Latter moderate from W.
Fine clear sky Throughout

Grateful much joy
at getting around that
fearful Cape Horn —
I intend this for my
last time — trust I may
have resolution and sense
enough to stop at home
after this voyage and
cultivate my little garden

Lat 54=28 Long 58=18
Dist 230'
Bar. 29.7

SATURDAY, APRIL 2, 1881.

Light wind varying from SW & SE & Alternately Clear & Cloudy. smoke from

Lat 53=32 Long 52.20.6
Dist 100.
Bar 29.6

SUNDAY, APRIL 3, 1881.

Variable wind from SW to N.W. alternately Clear & thick

DR
Lat 51=53 Long 52=30
Dist 132
Bar 30.08

WEDNESDAY, APRIL 6, 1881.

Thick fogs and Rainy
part. Wind varying
from N to to NE.

Sat 49-12. Sym. 49-24
Dist 48'

THURSDAY, APRIL 7, 1881.

variable wind from
NW. to NE. and Calm
Alternately thick fogs
and Rainy
The Bark Queen
Company Keeper still in
sight

Sat 49-10 Sym. 48-00
Dist. 17

FRIDAY, APRIL 8, 1881.

Alternately Cloudy
light rain & Clear
Moderate wind from
North N.W. & S.W.

61 Days out
very fine Progress
to get around that
Fearful Cape Horn and
again in fine weather
the Children get out
about decks, and
race about like
wild Colts let loose

Lat 47=05 Long 45=53
Distf 132

SATURDAY, APRIL 9, 1881.

Fine weather
Moderate sleighs wind
from N.W. & N.N.W.

Lat 44=47 Long 43=49
Dist 170

SUNDAY, APRIL 10, 1881.

Variable Light Airs
from W. N. & E.
and Calm
Latter part thick fog

DR
Dat 44-00 Long 43-17
Dest 42

MONDAY, APRIL 11, 1881.

Fresh breeze from
E & E.S.E. Thick-fogy

Peter scalded his
right leg badly by tipping
hot water on himself

DR
Dat 42-00 Long 42-28
Dest 440
132

TUESDAY, APRIL 12, 1881.

Fresh wind from East and N.E.
First thick and raining - Later part clear

People employed holystoning the forward bulkhead

We yet have Bananas that we got at Pitcairn - The Children have ate their fill every day. We still have 150 fine oranges

Lat. 40=27 Long 42=26
Dist 85

WEDNESDAY, APRIL 13, 1881.

Moderate wind & barging from W.N.W. to N.W. At 8 P.M. backed to N.E. & at ale gail
alternately Clear & cloudy

Reading Memoirs of Madam De Rémusat which Confirms my previous conviction that the Napoleons were the greatest frauds the world ever saw.

Andy Jackson would have made as a Napoleon if he Could enforced his "policy"

Lat. 39=42 Long 41=57
Dist 57

THURSDAY, APRIL 14, 1881.

Variable to light wind from West to NW W NW & NE Alternately clear and Cloudy Steamed eight hours

Sedley employed as Watchman after hours

The Carpenter was employed as usual

Lat 38=50 Long 41=36
Dist. 54'

FRIDAY, APRIL 15, 1881.

Variable wind from N. NW SW and South

Employed as usual

Lat 37=26 Long 41=23 Dist. 82'
N by E

5*

SATURDAY, APRIL 16, 1881.

Variable wind from NNE. to NW. Cloudy and raining at times. At 9 A.M. wind freshen suddenly reduced sail fore & aft Royal & lower top=sails

3rd Mate had a guard with Boatswain

37 - 56
1 = 36
35 = 5.6

Lat 38 = 57 Long 41 = 13 W.
& Dist 87

SUNDAY, APRIL 17, 1881.

Variable wind from NNW to West = at times heavy Gusts & rain Latter part Fine & Cloudy Moderate

Lat 39 = 5 Long 39 = 19 W.
Dist 112

MONDAY, APRIL 18, 1881.

Fine weather Moderate
wind from N.N.W.
At 2 Am. heavy
squall Come from West
Latter part Strong breez

Saw a Bark on wigther
quarter going with us

Lat 32=44 Long 37=13
Dist 1741

TUESDAY, APRIL 19, 1881.

Fine weather moderate
wind from N.N.W & W.N.W
Our Pitcairn Island
Bananas just gone
they were ripe and we
ate to repletion especi-
ally the children — now
we have 100 fine Ban-
anas. The Children
will soon be down as
they eat like and are
vigorously healthy

While firing my Evans
repeating Rifle a
Cartridge partially
blew out from the
breach wounding me
badly in the hand.

Lat 30=57 Long 35=52 Dist 128

WEDNESDAY, APRIL 20, 1881.

Beautiful weather and fine wind from west

at 2 P.M. passed close to Spanish Brigantine from Montevideo for New York 20 days out

his Long is 34=40

18=39 Long 34=42
Dist 148 N Ely

THURSDAY, APRIL 21, 1881.

Fine weather Good Trade from WSW to South

Painting inside bulwarks. Rattlin down the Sail makes repairs &c. Many said — We have such a miserable crew aboard that we wish we were out of patience — An old man is not fit for an officer of a ship it requires an energetic man to carry on work and oppress such tramps as we got now for sailors

Butchered a sheep

Sat. 26=18 Long 33=73 Dist 160
N Ely

FRIDAY, APRIL 22, 1881.

Fine weather First part light wind from S.W. Latter part Get S.E. trades Beautiful as fancy Can paint Sundry We are highly favored - homeward bound with big freight - after long & laborious Voyage and we hope to retire from the sea and live the rest of our life on shore

Carpenter refitting the forecastle

Plant boxes wheat & Mustard

Lat 24-24 Long 32-26
Dist 130 -

SATURDAY, APRIL 23, 1881.

Fine weather. Fresh SE. trades - in the night light rain squalls

Cleaning out forecastle to paint - painting Skylights

Broached Bbl Beef 197

Lat 21-12 Long 32-16 Dist 194

SUNDAY, APRIL 24, 1881.

Fine weather
moderate trades
Latter part from E.

Lat 18=16 Long 31=43
Dist - 180

MONDAY, APRIL 25, 1881.

Fine weather moderate
part trades veering
round E & E.N.E.

A large ship passed round
South - Repairing
and painting the Upper
Castle

Lat 15=50 Long 32=15
Dist 145

Fine weather barly
wind from E. to E.N.E.
Squally through the
night

Several sail
passing
Boo
Several sail South
passing
fellows Southward
bound

Lat 12-42 Long 31=27
Dist 188 12

Fine weather, strong
E. trades.
Pass several sail
bound South.

Lat 9=10 Long 31=27
Dist 224

THURSDAY, APRIL 28, 1881.

Lazy wet trades up the night. heavy squalls with rain took in topgal sails and after mizzen to sail. Latter part moderate

Lat 6=11 Long 31=13
Dist 179

FRIDAY, APRIL 29, 1881.

Fine weather. Light trades.

Jul proud of our forecastle as we have it now arranged. The partition taken down making it roomy fairly. Neatly painted with a long table fixed each side and shelves for dishes. It looks respectable

Send our new jib over Sailmaker has just finished as fine a jib as ever was sent. Sent 3 valuable hens. Nobody knows how many eggs

Lat 4=04 Long 31=36
Dist 135

SATURDAY, APRIL 30, 1881.

Light variable trades
from E. to South. - frequent
rain showers

Sat 3=02 Lat 30=35 S.
Dist 62

SUNDAY, MAY 1, 1881.

Light variable airs
from S. & E. & S. -
frequent rain squalls

Packing Company Thick
Tin Old Hoop
Company

Jack Cat just finished
She is a handy good vessel
Italy

Sat 2=00 Long 30=55 Dist 65

MONDAY, MAY 2, 1881.

Light airs varying from E to NE. & Calm
at 10 AM. S.S. Patagonia
passed close to. dropped
package of papers over
board we could not pick
picked them up as late
date as April 5th
We hope to be reported
soon to our friends
It is a great treat
to get late papers
The Nihilists have
at last succeeded in
killing the Emperor of
Russia. They will
have many Republics
in Europe before long

Lat 1=26 Long 31=39
Dist 49 N.W.

TUESDAY, MAY 3, 1881.

Light variable airs
and Calm. Light
rain showers
People employed both
evening to keep clean
Carpenter making two
Camp Chairs for home
use

Lat 1=04 Long 31=04
Dist 22'

WEDNESDAY, MAY 4, 1881.

Light airs from various quarters and Calm
Frequent Rain showers - Filled three water Casks and put them Safe in forward tank Nice water

This tedious Calm is prolonging our passage awfully

Lat 00 - 37 Long 31 - 01
Dist 33

THURSDAY, MAY 5, 1881.

Light variable airs & Calms

At 2 P.M. Gave time Ship
[illegible] Central Time
[illegible] Greenwich Time
[illegible] Equator 2810
Equator to Cape Horn 4957
Cape Horn to Equator 3335
34 days average
11504 Knots

Lat 00 - 37 S. Long [illegible] 39
Dist 39

FRIDAY, MAY 6, 1881.

Fine weather Moderate wind from E to E.N.E. A return of the trade winds

Carpenter Wade me two fine Teakwood Camp Chairs with R inlaid in back which I intend to take home

Lat N. 13 Long 30-25 W.
Dist 77

SATURDAY, MAY 7, 1881.

Variable wind from E.N.E. to S.W.W. Much rain gave much good rain water in the tank

Lat North 3-57 Long 2 R. 40 W. Dist 96

SUNDAY, MAY 8, 1881.

Comfortable wind from South to NE.
Visitors today

DR
Sat [illegible] Song [illegible]
Dist 115

MONDAY, MAY 9, 1881.

Fine weather. Steady NE. trades. Fresh painting about decks. Fine washing. Tommy not very well. Had very little trouble some

DR
Sat 7-07 Song 32-29
Dist 119

TUESDAY, MAY 10, 1881.

Fine weather fresh N.E. trades. Painting varnishing & Polishing over the rails &c. Fine fresh polishing

Lat 9.49. Long 33-59
Dist 188

WEDNESDAY, MAY 11, 1881.

Fine weather fresh trades.

I feel ugly as meat axe. The 2nd mate water is a poor lot of dock robblers that require an energetic man to handle them

This day the children ate the last of the oranges we got at St. Cabos is land have been highly enjoyed with a relish of fresh meat. have killed a pig 2 sheep & the hens left - got 3 eggs from them to day

Lat 12=31 Long 35=06
Dist 178

THURSDAY, MAY 12, 1881.

Fine weather, fresh trades - Scraping & painting &c

Lat 15=17 Long 36=27 Dist 180

FRIDAY, MAY 13, 1881.

Fine weather, fresh steady trades

Cabin Boy John who shipped at Liverpool his health is poor - last evening was taken with Convulsions & bleeding from the lungs to day is very feeble

Tommy for the few days apprentice ill and awfully

Lat 17=46 Long 37=29 Dist 163

SATURDAY, MAY 14, 1881.

Fine weather, Moderate steady trades —

Saw the first Sargasso weed

Lat 19=55 Long 38=31
Dist 143

SUNDAY, MAY 15, 1881.

Fine weather fine trades varying from N.E. to East Two ships in Company — Signalled Ency Ship "Hurunui" 71 days from Wellington for London Lat Long 19 South East

A Ship Came up astern at 8 to make out his signals although 6 or 7 miles off it proved to be Ship J. Walker That sailed from San Francisco the day after us

Lat 22=25 Lat 38=46
Dist 147

MONDAY, MAY 16, 1881.

Tuesday 17th

Fine weather. Steady trades. The J. B. Walker hull down abeam to windward. The English ship below the horizon astern. Got [illegible] made. The Carpenter made another fine work box made for Mother.

Butchered a Sheep. Carcase weigh 46 lbs.

Lat 27=40 Long 38=17 Dist 176

TUESDAY, MAY 17, 1881.

Monday 16

Fine weather. Just trades occasional squall. The Walker close on lee - the ranges ahead as day advances

Lat 24=20 Long 38=07 Dist 147

WEDNESDAY, MAY 18, 1881.

Fine weather, Steady moderate trades. The Bar is high I hope this wind will continue. The J. B. Walker just visible on the horizon bearing East. The English ship bearing S.W. Employed painting inboard

Boy John Davy very feeble - I fear he will not live to reach port

Lat 29=59 Long 38=39
Dist 141

THURSDAY, MAY 19, 1881.

Fine weather light Wind vary ing from South to E.N.E. Smooth sea

Yesterday Pm a common barn swallow flying about apparently wanting to light on Spars or Rigging - how could he sustain himself to get here as the nearest land is the Azores 560 miles distant

Lat 31=30 Long 38=09
Dist 92

FRIDAY, MAY 20, 1881.

Fine weather light airs from Eastward & Calm. At 11 Am, light breeze Come from SW, Ger. Steamer Saxonia passed Close two standing West. Caught a fine little fish about 3 lbs with the grains - ate it for dinner very fine - Cabin Boy John is failing fast

Lat. 32-37 Long 59-27 Dist 95-

SATURDAY, MAY 21, 1881.

Fine weather, light airs from Westward and Calm

At 9.30 AM Cabin boy John Davis died At 7 PM Civil time, Call all hands to gang way Read the burial Service and a prayer and buryed his body in the deep

Lat. 32-53 Long 59-05 Dist 20 NE

SUNDAY, MAY 22, 1881.

First light breeze from N.W. at Midnight & strong wind from N.E. took in topsail sails & set tack to N.N.W.

Clear

Lat 33=57 Long 38=75

Dist 86

MONDAY, MAY 23, 1881.

Fine weather - Cool moderate wind from N.E. at Midnight tacked to East - finished painting inboard two coats white Painting water ways Olive Green

Chris Vogt a B. that was light headed at first and gradually grown worse - is now a harmless maniac

Chas Rees his boarding Master and Jackson shifted trotted him of his advance 4/8 -

Lat 34=25 Long 37=32

Dist 48

TUESDAY, MAY 24, 1881.

Fine weather, steady moderate wind from North & N.W. & N.

If I was to Continue voyages as I hope I shall not - would try to make reform in the Organisation of manning the ship - Get 6 Apprentices in Europe or likely Lads, Care for them properly, teach them their duty and promote those that prove worthy. Keep the people on the ship in port. so as to be mostly independent of Sailor boarding Houses! Always patronize Seamans Homes & such good institutions

Lat 35=36 Long 35=11
Dist 144

WEDNESDAY, MAY 25, 1881.

Fine weather, fresh wind from NW and West - Latter part light rain

Lat 37=46 Long 33=02
Dist 162

THURSDAY, MAY 26, 1881.

Fine weather moderate wind from West and S.W.

at Daylight make the islands Flores and Corvo E the S.E. dist 40 Miles

Distance sailed from Equator including this day 2657'

Lat 39=55 Long 31=40 Dist 143

FRIDAY, MAY 27, 1881.

Fine weather moderate wind from West to North

Clearing out the hoop taking down things up to air and washing the deck - find weavels in the rice

Butcher over Last San Francisco pig weighs 120lb

Lat 41=08 Long 30=12 Dist 101

SATURDAY, MAY 28, 1881.

Fine weather fresh wind from N.W. to S.W.

Lat 43=20 Long 28=14 Dist 163

SUNDAY, MAY 29, 1881.

Fresh wind from West. S.W. flying clouds at times thick. Going rapidly toward our destined port. How joyful we feel at the prospect of nearing home — terminating this long eventful and so far successful voyage

Lat 46=14 Long 25=05 Dist 221

MONDAY, MAY 30, 1881.

Fresh wind from SW and South - most the time thick & light rain - SS. Mobile passed standing west

Log overcast, 9.6 o/o

Lat 47-46 Long 19-33
Dist 240'

TUESDAY, MAY 31, 1881.

Fine weather Moderate wind from South
Very smooth sea
German Bark QBCT

Painting outside

Log overcast 7.5 o/o

Lat 48-48 Long 15-04
Dist 187

WEDNESDAY, JUNE 1, 1881.

Fine weather light wind from South to SE. Wind the Cables

Carpenter making fancy letters to go on Stern of ship

Lat 48=58 Long 13=01 Dist 94

THURSDAY, JUNE 2, 1881.

Fine weather, light airs from Southward & Calm At 6 Am. Pilot Came from North. Several sail in Company & passing Signal Ger Bark Medina Friedenburg 25 days from New York for Bremen, Also Eng. Bark, Elepino Glas = gow from Astoria for Falmouth

Lat 48=56 Long 11=32 Dist 63

FRIDAY, JUNE 3, 1881.

Fine weather moderate wind from North smooth sea - numerous craft of all descriptions Coming and going from all directions Falmouth Pilot Cutter Came along-side

At 6 P.M. made the Lizard

At 11 30 made Start point light

Lat 49-28 Long 6-47 Dist 188

SATURDAY, JUNE 4, 1881.

Fine weather light wind from W & WSW. At 2 P.M. saw Portland bills bearing N½E dist 15

Off Portland

Butchered a sheep weighed dress'd 65 lbs.

Lat 50-15 Long Dist 165

SUNDAY, JUNE 5, 1881.

Strong breeze from W.S.W.
At 7 Am. Got Antwerp pilot between Beachy Head and Dungeness
At Midday abreast of Dover. Closed two.
Distance sailed from Equator 4164. Daily average 139
Whole distance sailed from Frisco 15906 Knots

At Midnight Anchor at Flushing

Pay £65 for towing to town & Stocking

Distance to Flushing 85

MONDAY, JUNE 6, 1881.

At 3 Am Start in tow of two tugs for Antwerp At 11 Am. Anchor in the River below the City.

American vessels in port

Ships Zaetta Fish Hodgeman
James Foster Jr
Chesebro' Dinsmore
Armenia Carter
Ringleader going down river
G. Pocumseh Lincoln
G. C. Prufaut Thomas
New World

TUESDAY, JUNE 7, 1881.

Enter at Custom House, lay days to Commenced.

Engage my old Steerdom Joe Gordens to discharge for 8/ per ton

WEDNESDAY, JUNE 8, 1881.

Cold blowey showery weather. Rail strike squalls. Comp discharging. get out 160 ton

New Steward Comenced Service at £6. per month

THURSDAY, JUNE 9, 1881.

Discharged 195 tons

2

FRIDAY, JUNE 10, 1881.

Discharged 128 tons

Bark Norwegian Arrived

Cash from Consignee to date 2100 Francs

3

MONDAY, JUNE 13, 1881.

Dschange 109 tons Cargo

5

TUESDAY, JUNE 14, 1881.

Collected from Consignees
50.000 Francs
Sent Barings £1000-
for B & C

6

WEDNESDAY, JUNE 15, 1881.

Discharging Cargo

Coal Coned

2

7

THURSDAY, JUNE 16, 1881.

Come in dock

FRIDAY, JUNE 17, 1881.

Cash from Andre 600 —

Dinner 7 4.
Vegetable 2.
Sent Mother $15 —

8

SATURDAY, JUNE 18, 1881.

Cash from Andre 7 3000 —

9

SUNDAY, JUNE 19, 1881.

MONDAY, JUNE 20, 1881.

Discharge no Cargo

10

~~£100 at Exc. 25.32~~

Coach £1.10
Dinner 2.
Marketing 8.

Cash from Consignee £25000

Cash from Andre £300

£1000 - £25330. 11 Sent
Baring Bros & Co

Cab £1.50

THURSDAY, JUNE 23, 1881.

~~Paid~~ for Labor 14 $

Cash m Randall 10.$

Cheese 7.50

Linen collars $

Marketing $ 10.-

1262 920. Pobs

Cargo out

Crockery $ 2..

13

FRIDAY, JUNE 24, 1881.

Go to Zoological Gardens with wife and Children Cassie gets strayed and we regard her as lost for three hours, when got back found her on Steward the Ship $ Cash from Andrè 500 =

1262.920
176.138
1380.058
53.340
1433.398

14

SATURDAY, JUNE 25, 1881.

Dinner 73.

15

SUNDAY, JUNE 26, 1881.

Myself wife Carrie and Tosh. visit the Museum and Cathedral, ascend the tower which is a tiresome job and fearful sight to look down from

MONDAY, JUNE 27, 1881.

Cab 450

1433.338 Kelos out
118990
1552328
125260
1677588

16

TUESDAY, JUNE 28, 1881.

Cab 3.
Sator F 12 -

Cargo out 1552.328

Johnson Cash 100 on Jan

17

WEDNESDAY, JUNE 29, 1881.

Cash from Andre 2600,00 Francs

By bill on Barings & Mun Co for £100 — pay 2530 Francs

1677.588 Kilos Coffee
89.870 out
1767.458
18

THURSDAY, JUNE 30, 1881.

Cash on P/c for 25.000,00 Fr

back F. 4.

1767.458 Kilos out
45 on
1812.458

£1000 — sent to Barings
Exch 25.33½
Amt 25.332,50 Francs

25335

19

FRIDAY, JULY 1, 1881.

1812,458
120-12 2
1932,580

Cash from Andre 200-0 Francs

Cab. 3. Francs

Marketing 5-

20

SATURDAY, JULY 2, 1881.

Cab 3. Francs

1932,580 Kilos out

21

SUNDAY, JULY 3, 1881.

Go to Brussells, with
Jos. Gossings Express 26. Fr

MONDAY, JULY 4, 1881.

A beautiful day

Marketing S. F
Cab 3.
2114,695 Kilos out
17 2 433
2 94 998

TUESDAY, JULY 5, 1881.

Cargo out 2294.892
150.641
2445.533

Cash from Consignee
25,400, Francs

Send Barrage $1000 - to C
of B & C 15.33½=25.335.

23

WEDNESDAY, JULY 6, 1881.

Mr Cushing arrived

Marketing 5. Francs
& Chickens 16.

Cash from Andre 400 — Francs

Cab 1½ F

2445.533 Kilos out
181.234
2626.767

THURSDAY, JULY 7, 1881.

Butter 8.50 7

2626.767 Kilos out
173.700
Cab 1½ Francs
Vegetables 2,

25

FRIDAY, JULY 8, 1881.

Rec'd from Consignee
50.000 Francs

Exch. 25,33½ Francs to £
Remitt Banque £2000 —
F 50.670

Cab

2800.468
134.600
2935.068
16

2963,067 Kilos out

Bank de Anvers
Selling for 25-31 = £

27

Go to Harmony Garden
with wife Charlie & Loot

Marketing 12 -

28

Engage Mr Wappers to
Rebattle the Ship: Engg
his workmen C/r Frances per
day.

Cabs 1/2 F

Finished discharging
Wheat

Marketing 8. F

Finished discharging the empty bags Completing the Cargo, which turned out in perfect order not a bag damaged

Caulkers Caulking deck topsides

Take the family out into the Country with Capt. Rufolo's family

£1000 = 25.30 Exchge pds 25300.00

Cargo weighs out 2999 tons
Addt. freight £3937 1 8 7

Balance
53961.20 Francs
Marketing 8.50 Francs

FRIDAY, JULY 15, 1881.

Haul Ship to entrance of Dry dock

marketing F 5,50

SATURDAY, JULY 16, 1881.

Pilchard 2
marketing 4.

lay days out

SUNDAY, JULY 17, 1881.

At 7 A.M. haul into dry dock

MONDAY, JULY 18, 1881.

Commence stripping off old metal.

Marketing 25. Francs

Sign Charter party to take 750 tons silver sand to San Francisco for 10/- per ton

58 Men & 2 Women employed

TUESDAY, JULY 19, 1881.

106 men employed
Caulking ship

Marketing 4

WEDNESDAY, JULY 20, 1881.

Commd putting on the
mettal

Marketing 24, 50

THURSDAY, JULY 21, 1881.

Telegram F 2.40
Cable 1.50

FRIDAY, JULY 22, 1881.

Finished mittalmg

Cash to Saas' mother on a/c
of her wages

~~2 Doz pens~~ 61 F
marketing 18 "

SATURDAY, JULY 23, 1881.

Conrad baking in sand.

marketing 5–

SUNDAY, JULY 24, 1881.

Marketing 5–

MONDAY, JULY 25, 1881.

taking in sand

TUESDAY, JULY 26, 1881.

Marketing 3.

WEDNESDAY, JULY 27, 1881.

Marketing 3_

ANGLO-BELGIAN SCREW-STEAM
TOWING COMPANY-SOCIÉTÉ ANONYME

THURSDAY, JULY 28, 1881.

Finished taking in the silver sand

Cast from Andre 6.50 from
Marketing 4_

FRIDAY, JULY 29, 1881.

Cash from André
From 500—

SATURDAY, JULY 30, 1881.

at 5 P.M. Ship leaves Antwerp docks

at 7 P.M. our family go to Golden Fleece Hotel

SUNDAY, JULY 31, 1881.

MONDAY, AUGUST 1, 1881.

Cash for Sheets 115.0 F

Cash to wife 100 F

TUESDAY, AUGUST 2, 1881.

Hotel

Hand andre 110 Francs

3 days at Hotel
Remitte £6.5.- = 25.26 Eyg

WEDNESDAY, AUGUST 3, 1881.

Hotel bile 100- Francs

at 9 am. start from Antwerp in Steamer Dane. Steinman for Home. Jan for on Family £50-

THURSDAY, AUGUST 4, 1881.

Moderate wind from west - Foggy

at 7 Am passed Dungeness

FRIDAY, AUGUST 5, 1881.

At 11 Am, showed our Ships signal flags at signal station at Lizard - Lizard, so we shall be reported -

At 4 Pm. passed Scilly

SATURDAY, AUGUST 6, 1881.

SUNDAY, AUGUST 7, 1881.

Fresh gale from S.W. & kept ship shipping much water.

MONDAY, AUGUST 8, 1881.

Fresh gale from
N W bad sea
very uncomfortable
= ed
a Child 8
years old, Steerage
Passenger died

TUESDAY, AUGUST 9, 1881.

WEDNESDAY, AUGUST 10, 1881.

THURSDAY, AUGUST 11, 1881.

FRIDAY, AUGUST 12, 1881.

At 9 Am. Crank broke
here we are in mid
ocean wholly at mercy
of wind & waves. feeling
very unhappy.
Our ship has two
cranks unfortunately
the after one is broken
the engineers is try=
ing to connect the Crank
so as to work the forward
piston

Lat 28-16 Long 35=

SATURDAY, AUGUST 13, 1881.

Light breezes from W.
and Sw. Thick fog.
The engineers try=
ing to repair machinery

Light breze from W. quite
clear. At 11 AM, after
long anxious ~~anxious~~ appre-
hation got the machyery
going, propelling the Ship
along 4 knots - which
gives us great joy

After lying disabled
in mid ocean perfectly
helpless for 50 hours.
The Ship is so long and ha.
so little sail on she would
neither keep off nor keep
up to the wind but lies
in the trought of the sea

At 1 PM Steamer "Powerful"
of Inst. Hartlepool hove
in sight. ~~was~~ signal
to her for assistance
our Capt goes on board

desirable wind ~~from~~
and Thick weather

Continued from
preceding page

and agrees
with for the other ship
to take us in tow for
St. John's Newfoundland
distant 680 Miles
by her, our wire hawser
attached to our Cable
of which 30 fathoms
is outside the hawse
At PM, Comes towing
going about 4 knots

TUESDAY, AUGUST 16, 1881.

Being towed across the Atlantic in Steam Ship Daunt. Steerman of Red cross line Antwerp & New York packet by Steamer Sovereign going 4 knots

Thick weather

WEDNESDAY, AUGUST 17, 1881.

Clear weather, moderate wind from the north, at 1 PM shackle broke that attached hawser to Cable at 2.30 goto attached and proceed, all sail set on both ships going about 6 knots Passed SS, Cooper & several sailers

Dist from St. John 375'

Lat 38=40

THURSDAY, AUGUST 18, 1881.

Fine weather, light variable airs. Saw 2 sailing vessels

Hope to reach Boston at 1 PM, stop the machinery and disconnect the screw in consequency of the shaft working so badly

375
122
253

FRIDAY, AUGUST 19, 1881.

Light wind from S. & SW. alternately clear and foggy

253
120
133

~~20~~ miles from St. John

SATURDAY, AUGUST 20, 1881.

Fine weather, light
breeze from Southward
At 6 P.M. make the
land off St Johns'
At dark make
the lights

SUNDAY, AUGUST 21, 1881.

at daylight very
foggy on Cape Spear
bore S.W. & dare not run
at 11 Am steam
ing come off with
pilot - proceeded in
towards the harbour
at 2 P.M. Anchor
ing harbour of St
Johns Newfoundland
a very small little
harbour the entrance
very narrow

MONDAY, AUGUST 22, 1881.

Lying in harbour of St Johns' New Foundland

TUESDAY, AUGUST 23, 1881.

Take boat sail about the harbour.

P.M., S.S. Nova Scotian arrives from Liverpool — we go in her for Halifax

Wife & and Foots with Capt Desmit & wife ride in the country

WEDNESDAY, AUGUST 24, 1881.

at 3 P.M. start for Halifax

Evening have music & singing

THURSDAY, AUGUST 25, 1881.

in S.S. Nova Scotia going rapidly through the water our passengers are fine social people

Evening have music & singing

FRIDAY, AUGUST 26, 1881.

at 8 Am. arrive at Halifax

Rec'd from Agent $45-

Pay for 4 tickets for Portland
$44. for section pulman
Car 4. Trucking 1.
Berth $2- Supper 175

SATURDAY, AUGUST 27, 1881.

at 7 Am. arrive at St. John
N.B. Breakfast 35¢ Fare $2.40

at 1 Pm. on the Foundry Line
dinner for children $1-

$44
4
1
2
3.75
2.40
1
59.65
Cr - 45
14.65

SUNDAY, AUGUST 28, 1881.

At 2 Am. Arrive home at my house - find Mother Sarah & John well

I feel as though my journey is finished & happiness complete

Cash in pocket $81.50

MONDAY, AUGUST 29, 1881.

A very warm day

Get all my baggage home - find things very satisfactory about home

TUESDAY, AUGUST 30, 1881.

WEDNESDAY, AUGUST 31, 1881.

Warm weather
~~Commence taking~~
~~Daily Drops~~

Mother and Sarah
go home to Yarmouth

THURSDAY, SEPTEMBER 1, 1881.

Very warm [illegible] Commences take Daily Prep[illegible]

Mr Briggs returns from Boston is Aboard 11.50 per Ten for "Charis" from Calcutta

FRIDAY, SEPTEMBER 2, 1881.

Cloudy & Cool

2d Ed Sail[illegible]

SATURDAY, SEPTEMBER 3, 1881.

Cool & bright

SUNDAY, SEPTEMBER 4, 1881.

go to Church

MONDAY, SEPTEMBER 5, 1881.

Begin a Term to get
school for the first time
A great event for them

buy 2 Pigs 6 weeks old
of Mr Mose pay $5.00

TUESDAY, SEPTEMBER 6, 1881.

Fresh fish .54
washing 2.25
Bread .48

WEDNESDAY, SEPTEMBER 7, 1881.

THURSDAY, SEPTEMBER 8, 1881.

Postage 5¢

Check from Mr Briggs
for $200—

FRIDAY, SEPTEMBER 9, 1881.

Saw Ed Soule go to Portland with [illegible]

Pay Hodgdon & Soule bill $ 310
Dundlin .25

At 10 PM Annie took sick. Send for Dr Shaw

SATURDAY, SEPTEMBER 10, 1881.

Forenoon Ed Soule Mansion to Hodgdon during Annie's illness

SUNDAY, SEPTEMBER 11, 1881.

I and Toots go to the Baptist Meeting a raining day

Pay Hodgdon & Goud

sick for 81

MONDAY, SEPTEMBER 12, 1881.

Raining

TUESDAY, SEPTEMBER 13, 1881.

Fine weather.
Pull beans

Broad of Bakr. 3¢

WEDNESDAY, SEPTEMBER 14, 1881.

THURSDAY, SEPTEMBER 15, 1881.

Go to Augusta with
Julius & Ed Gould
Fare 1.80

FRIDAY, SEPTEMBER 16, 1881.

Fish 45

SATURDAY, SEPTEMBER 17, 1881.

Mrs Marston goes home

Settle up with Mr Rigg and Receive Check for ballance due in full

SUNDAY, SEPTEMBER 18, 1881.

Fine weather. go to Church P.M. Ride round pleasant hill

MONDAY, SEPTEMBER 19, 1881.



TUESDAY, SEPTEMBER 20, 1881.

FRIDAY, SEPTEMBER 23, 1881.

SATURDAY, SEPTEMBER 24, 1881.

SUNDAY, SEPTEMBER 25, 1881.

P.M. Ride with Carrie, Ajax took to Yarmouth to see mother

Pay John in full $50

MONDAY, SEPTEMBER 26, 1881.

Funeral of President Garfield. Attend services at Congregational Church

My weight is 166 lbs

TUESDAY, SEPTEMBER 27, 1881.

Ride with Mr Briggs to Yarmouth

Cuzzie working on apple trees & making pig Pen under Stable

WEDNESDAY, SEPTEMBER 28, 1881.

THURSDAY, SEPTEMBER 29, 1881.

Curatia Wor Bro weeding Garden & setting out Strawberries

Wants at Portland

Well of Shelving imbleed Counch about 4 ft wide

Bid Stad — Mattrafs cider Bbl

Ex about "Americus"

FRIDAY, SEPTEMBER 30, 1881.

Go to Portland
Get B & C's check for $3966.70 Cashed & deposit in Bank

Ck No 3.72

SATURDAY, OCTOBER 1, 1881.

SUNDAY, OCTOBER 2, 1881.

Attend Baptist Church
have Contribution for
Mr Herrick I give $5—

MONDAY, OCTOBER 3, 1881.

TUESDAY, OCTOBER 4, 1881.

A cold blower day last night was a bad frost damaging gardens & vegetables ice made ¼ inch thick

WEDNESDAY, OCTOBER 5, 1881.

A Cold blowy day — last night had severe frost damaging garden vegetables ice made ¼ in thick.

THURSDAY, OCTOBER 6, 1881.

FRIDAY, OCTOBER 7, 1881.

SATURDAY, OCTOBER 8, 1881.

SUNDAY, OCTOBER 9, 1881.

MONDAY, OCTOBER 10, 1881.

TUESDAY, OCTOBER 11, 1881.

Go to Portland

WEDNESDAY, OCTOBER 12, 1881.

THURSDAY, OCTOBER 13, 1881.

Go to Topsham to Sagadahock County fair

Buy of Mrs Murch pew 26 in Baptist Church pay $70—

THURSDAY, OCTOBER 20, 1881.

Go to Portland —

Call at Aunt Keazer's The first time I've been in that house since 1862

FRIDAY, OCTOBER 21, 1881.

SATURDAY, OCTOBER 22, 1881.

Go with Annie to Brunswick (team) shopping and Call to see Mrs Porter

SUNDAY, OCTOBER 23, 1881.

MONDAY, OCTOBER 24, 1881.

TUESDAY, OCTOBER 25, 1881.

WEDNESDAY, OCTOBER 26, 1881.

THURSDAY, OCTOBER 27, 1881.

FRIDAY, OCTOBER 28, 1881.

SATURDAY, OCTOBER 29, 1881.

Go to Yarmouth to see Mother & Sarah - take Lots - Mitchells Horse -

Harrison Ward buys me a Cow with Calf two days old pay $45 - Commission $1

Sheela comes to our House

SUNDAY, OCTOBER 30, 1881.

MONDAY, OCTOBER 31, 1881.

TUESDAY, NOVEMBER 1, 1881.

WEDNESDAY, NOVEMBER 2, 1881.

THURSDAY, NOVEMBER 3, 1881.

FRIDAY, NOVEMBER 4, 1881.

SATURDAY, NOVEMBER 5, 1881.

Go to Portland

Theckla and baby come over to make us a visit

SUNDAY, NOVEMBER 6, 1881.

MONDAY, NOVEMBER 7, 1881.

Draw first gallon of
our New Molasses from
Bbl.

TUESDAY, NOVEMBER 8, 1881.

WEDNESDAY, NOVEMBER 9, 1881.

THURSDAY, NOVEMBER 10, 1881.

FRIDAY, NOVEMBER 11, 1881.

Lizzie 7 hours work

SATURDAY, NOVEMBER 12, 1881.

Attend funeral of young
~~Chas~~ Willie Royers.

First snow this season.

SUNDAY, NOVEMBER 13, 1881.

Build fire in furnace
first time this season

MONDAY, NOVEMBER 14, 1881.

Hear of "Oasis" arrived at Calcutta Nov 13th 133 days passage

TUESDAY, NOVEMBER 15, 1881.

Mr. Cummings helping Mrs. make ad milk cooler

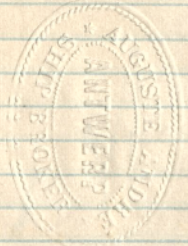
Draw 2nd gallon molasses

WEDNESDAY, NOVEMBER 16, 1881.

working on milk cream

5¼ Lbs Soap from Eds

THURSDAY, NOVEMBER 17, 1881.



FRIDAY, NOVEMBER 18, 1881.

SATURDAY, NOVEMBER 19, 1881.

SUNDAY, NOVEMBER 20, 1881.

MONDAY, NOVEMBER 21, 1881.

TUESDAY, NOVEMBER 22, 1881.

Go to Bath in company with Capt Julius Bourke

WEDNESDAY, NOVEMBER 23, 1881.

Draw 3rd Gulton Molasses

Mother & Sarah Come to Spend Thanksgiving with us

THURSDAY, NOVEMBER 24, 1881.

Thanksgiving day
fine weather, snow
on the ground but
not enough for sleighing
13 ~~Persons~~ persons
around our board
Besides our own
family - mother and Sam
Mrs Porter & child -
Ida and Lizzie, helps

FRIDAY, NOVEMBER 25, 1881.

Mr Cummings helping
me make a kitchen
Closet

Furnace Coal 88 lbs

SATURDAY, NOVEMBER 26, 1881.

Coal burned in furnace 66 lbs.

SUNDAY, NOVEMBER 27, 1881.

Furnace burns 44 lbs coal

MONDAY, NOVEMBER 28, 1881.

Furnace burns 44 lbs. Coal

TUESDAY, NOVEMBER 29, 1881.

Furnace 44 lbs Coal

Mr Capp mings and myself finish our Wired Closet

Thela goes to Portland

Shaw 4 lbs Gallon Molasses

WEDNESDAY, NOVEMBER 30, 1881.

Go to Portland Hack
hear of Ship "John A Briggs"
arrival at San Francisco
120 days passage

MONDAY, DECEMBER 5, 1881.

TUESDAY, DECEMBER 6, 1881.

Drew 5th Gallon Molas

WEDNESDAY, DECEMBER 7, 1881.

THURSDAY, DECEMBER 8, 1881.

Lizzie Rinyon 11 weeks
& amt $27.50
10 on act.
17.50

FRIDAY, DECEMBER 9, 1881.

Lizzie Rinyon goes home
& promises to come
back in one week

SATURDAY, DECEMBER 10, 1881.

SUNDAY, DECEMBER 11, 1881.

aid.

MONDAY, DECEMBER 12, 1881.

TUESDAY, DECEMBER 13, 1881.

Rec'd Load Strain from John Ward

Sent Code Signals to P.M. Whitmore

WEDNESDAY, DECEMBER 14, 1881.

very warm snow all melted - very little frost in the ground

Shot two rats in the Pig pen under the stable

Also shot a Crow that was proud of the feet

THURSDAY, DECEMBER 15, 1881.

Come a body of snow last night about 4 inch

Draw 6th gallon molasses

"Cold wave" Comes down 2 deg. Zero - the coldest this season

FRIDAY, DECEMBER 16, 1881.

Lizzie Ringrose Comes to Visit

Shoot a monstro Rat under the stable

SATURDAY, DECEMBER 17, 1881.

Caught a monster rat in trap

SUNDAY, DECEMBER 18, 1881.

MONDAY, DECEMBER 19, 1881.

TUESDAY, DECEMBER 20, 1881.

Baby born

Russel

WEDNESDAY, DECEMBER 21, 1881.

Broach Sugar Bbl
took 27 lbs
"

Very warm thawing
bad traveling

22/365. (16
22
146
132
13

THURSDAY, DECEMBER 22, 1881.

Rain storm, all
snow gone

FRIDAY, DECEMBER 23, 1881.

SATURDAY, DECEMBER 24, 1881.

Drew 7th Gallon Molasses

SUNDAY, DECEMBER 25, 1881.

MONDAY, DECEMBER 26, 1881.

My weight without overcoat is 167 lbs - The heaviest I ever weighed

Ship "J. A. Briggs" sailed from San Francisco

TUESDAY, DECEMBER 27, 1881.

WEDNESDAY, DECEMBER 28, 1881.

THURSDAY, DECEMBER 29, 1881.

FRIDAY, DECEMBER 30, 1881.

SATURDAY, DECEMBER 31, 1881.

Townsend, Conn

a/c Advock

MEMORANDA.

1/4 Bark "Oasis"	5490
5/64 Ship J. A. Briggs	6378
House	3500
Cash from Lafayette Note	
Holbrooks Note	1786
Savin Bank p. Cor. Tot. & Bot	300
Wolfe	100
	504
Oct. 1879 Sent Sarah	100
Frank Crawford	600
March 1880. Sarah 79-76	383
19. 33	159
May . . Mother 100	483
20	96
1881 Post Office order sent Sarah	300
Cash in bot	141
Wages to date March	2000
	22.320

MEMORANDA.

Price of Code of Signals 19 Flags Medium, size 17 32 - net Antwerp July 27th

They Collance of 100 placed to

Memoranda.

Cash Account. January.

Date.		Received.		Paid.	

CASH ACCOUNT. FEBRUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. FEBRUARY.

Date.		Received.		Paid.	
	Terre Buf. Easton	20	days		
	Bill Polk	27	"		
10th	"				

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
10	the 42½ Sacs flour & ¼th Bbl		
	Cost of Metaling at Cardiff		
	Metal 3471 Sheets @ 7		622 -
	Labor		160 -
	Dock		58 -
			840

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.

Cash Account. December.

Date.		Received.	Paid.
	Carrie	7	4
	Tots	5	8
	Robie	4	3
	Tom	2	8
	Baby	1	

Cash Account. December.

Date.		Received.	Paid.
	Rue Reynolds		
	Bath		
	Cathedral		
	Pont de halle		

Summary of Cash Account.

		Received.		Paid.	
Jan.	Mittalini & stock				
Feb.	Running Acct 2 Tr			3	20
March.	Dock dues			12	60
April.	Water bill			40	13
May.	Mittal			86	48
June.					
July.	Sundries			143	13
Aug.					
Sept.					
Oct.					
Nov.					
Dec.					

get lbs into Kilos multiply by .453

Kilos into lbs by 2.20

G71.110.105

No.157

37 Kunpusch Poet

M. J. Pickering
13 Exchange Place
Boston

DOXEY & CO.,
BOOKSELLERS & STATIONERS,
MARKET STREET,
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